



Planning Commission Study Session

TO: PLANNING COMMISSION / DESIGN REVIEW BOARD

FROM: AMY TEMES, SENIOR PLANNER *AT*
(480) 503-6729, AMY.TEMES@GILBERTAZ.GOV

THROUGH: CATHERINE LORBEER, AICP, PRINCIPAL PLANNER *o/l*
(480) 503-6016, CATHERINE.LORBEER@GILBERTAZ.GOV

MEETING DATE: JUNE 6, 2018

SUBJECT: DR18-95, WOMEN'S AND CHILDREN'S TOWER AT MERCY
GILBERT MEDICAL CENTER

STRATEGIC INITIATIVE: Economic Development

To allow for the expansion of the existing hospital facility.

REQUEST

DR18-95, Women's and Children's Tower at Mercy Gilbert Medical Center: site plan, landscape, grading and drainage, elevations, floor plans, lighting, colors and materials for approximately 16.05 acres, generally located at the at the northeast corner of Val Vista Drive and Mercy Road and zoned Public Facility / Institutional (PF/I) with a Planned Area Development (PAD) overlay.

RECOMMENDED MOTION

Request for input only. No motion required.

APPLICANT/OWNER

Company: Dignity Health
Name: Richard Olson
Address: 3200 North Central Avenue
Phoenix, AZ 85012
Phone: 602-307-2266
Email: Richard.Olson@DignityHealth.org

Company: CannonDesign- FKP
Name: Tim Conroy
Address: 3737 Buffalo Speedway, Suite 1200
Houston, TX 77098
Phone: 713-826-4965
Email: tconroy@cannondesign.com

BACKGROUND/DISCUSSION

History

<i>Date</i>	Description
<i>September 28, 1999</i>	Town Council annexed the Spectrum property and approved a General Plan amendment and Specific Area Plan (GP98-5) for the Spectrum at Val Vista. In addition, Council approved the PAD zoning (Z99-06, Ord. No. 1209) and a Development Agreement.
<i>June 20, 2000</i>	Town Council approved an amendment to Spectrum at Val Vista (Z99-65) in Ord. No. 1285.
<i>November 18, 2003</i>	Town Council approved a Major General Plan Amendment and rezoning for 102 acres, removing the property from the Spectrum PAD and creating the Gilbert Medical Center per GP03-26 and Z03-28 (Res. No. 2455 and Ord. No. 1527).
<i>June 21, 2005</i>	Town Council approved Z05-04 (Ord. No. 1664): the deletion of conditions pertaining to setbacks and building height restrictions along the PAD's southern boundary line.
<i>November 7, 2013</i>	The Town Council approved Z13-24 (Ord. No. 2457), deleting the 100' building setback buffer.
<i>May 2, 2018</i>	Planning Commission approved DR18-14 Mercy Gilbert MOB 2.

Overview

Dignity Health intends to build a fully functional, freestanding Women's and Children's Tower, which connects to the existing hospital and includes all associated site work at Mercy Gilbert Medical Center. This facility will contain space that will be licensed by two institutions: Dignity Health and Phoenix Children's Hospital.

The Project includes a 379,295 sf new acute care building containing 12 antepartum beds, 24 labor, delivery and recovery rooms, 4 C-section rooms, 46 postpartum beds, 8 newborn nursery beds, 60 NICU beds, 24 pediatric medical surgical beds and 24 shelled pediatric medical surgical rooms. It also includes 12 OB emergency exam rooms, 24 pediatric emergency exam rooms, 6 pediatric operating rooms, 2 endoscopy rooms, 7 pediatric diagnostic imaging and neuro-diagnostic rooms, a cafeteria and support services to facilitate the operations of both institutions. The capacity of the existing Central Plant will be expanded to support the new Tower. This expansion will be a combination of modifications to the existing boiler and chiller rooms, new space constructed for the additional electrical services and expanding the exterior yard to accommodate additional cooling towers and emergency generators. All parking is located on site.

Surrounding Land Use & Zoning Designations:

	Existing Land Use Classification	Existing Zoning	Existing Use
North	Utility/Transit Corridor	Public Facility/Institutional	Santan Freeway
South	General Office	General Office PAD	Medical Office Condominiums

East	General Office	General Office PAD	Medical Offices
West	Public Facility/Institutional	Public Facility/Institutional PAD	Mercy Gilbert Hospital
Site	Public Facility/Institutional	Public Facility/Institutional PAD	Parking Lot

Project Data Table

Site Development Regulations	Required per LDC/ Ordinance Nos. 2457, 2222, 1664, and 1527	Proposed
Building Square Footage	NA	379,295
Maximum Building Height	Bell Tower 120' Top of Cross 137' Main Entrance Dome 92'	86'6" 6-stories
Minimum Building Setback		
Front to ROW	25'	25'
Side to non-residential	Internal to Master Site Plan 0'	Internal to Master Site Plan 0'
Rear to non-residential	15'	15'
Separation Between Buildings	15'/20'	15'/20'
Minimum Required Perimeter Landscape Area		
Front to ROW	20'	25'
Side to residential	Internal to Master Site Plan 0'	Internal to Master Site Plan 0'
Rear to non-residential	15'	15'
Landscaping (% of net lot area)	15%	15.1%
Parking	1.5 per bed - $192 \times 1.5 = 288$ new spaces required 2 new loading spaces	453 provided loading spaces provided greater than 2 but not noted
Freeway Trail	30' easement with a 6' SW and an additional DG path	30' easement with a 6' SW and an additional DG path

DISCUSSION

This is a fast moving expansion project that intends to start underground utility relocations in October of this year with foundation work in December and vertical construction in the spring of 2019. This Study Session is focused on the site plan, landscape, grading and drainage and lighting. Staff and the design team are working through the architecture of the building. The architecture will be brought forward to study session in the near future.

The project designers have made an outstanding effort to integrate the site plan, coordinate landscape, combine grading and drainage, coordinate utilities and prepare appropriate studies. Staff's 1st Review is due June 20th. Based on cursory review staff believes that the horizontal development of the site is in good shape. A few minor details noted we the lack of lighting along the main entry, which is easily adjusted. Another detail is the number of bollards depicted along

the drop-off areas. Historically the Design Review Board/Planning Commission/Town Council have held to four bollards maximum with a collection of other forms of barriers such as, raised planters, large decorative pots, decorative light poles, signage and art. Staff would like the applicant to focus the bollards on each car sized designated drop-off with other deterrents between the bollard groupings.

Lastly, Planning Commission noted during the MOB 2 Study Session that a strong pedestrian connection between the various buildings on the campus would be anticipated. Staff envisioned a row of trees lining a wide sidewalk on either side leading to the new MOB 2. The applicant has designed a 6' sidewalk with trees alternating from side to side for an more open canopy effect.

Significant site modification must be made ready prior to construction permitting. Staff has agreed to allow the horizontal ground work to break apart from the vertical elements in an at-risk construction document package since it is important that the underground horizontal component of this large and complex project get under way quickly and early.

The applicant has requested construction document at-risk for horizontal elements of the project. Staff would only support cd at-risk if the applicant is able to respond and address review comments and has a clean horizontal project package prior to construction document submittal.

PUBLIC NOTIFICATION AND INPUT

The proposed project will require public notice as specified under Land Development Code (LDC) Section 5.602.A.3.

REQUESTED INPUT

1. Stronger pedestrian connection between buildings emphasized by a constant dense summer shade canopy.
2. Limitation of bollard usage.
3. No lighting along the main entry drive into the new expansion.

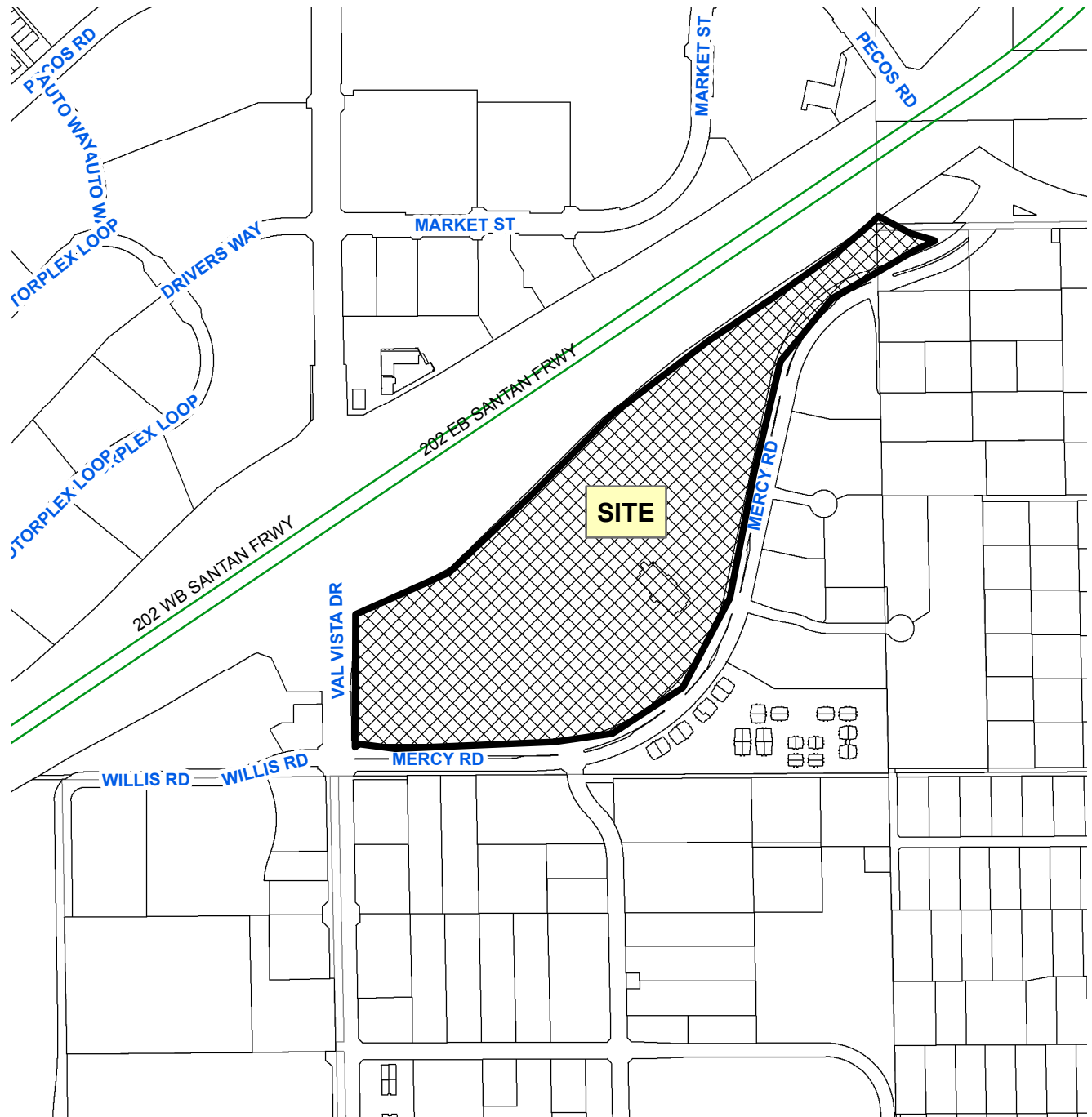
Respectfully submitted,
Amy Temes
Senior Planner

Attachments and Enclosures:

- 1) Vicinity Map
- 2) Aerial Photo
- 3) Master Site Plan
- 4) Site Plan
- 5) Landscape
- 6) Grading and Drainage
- 7) Floor Plans
- 8) Lighting

***DR18-95 New Women's and Children's Tower at Mercy
Gilbert Medical Center
Vicinity Map***

SITE LOCATION:

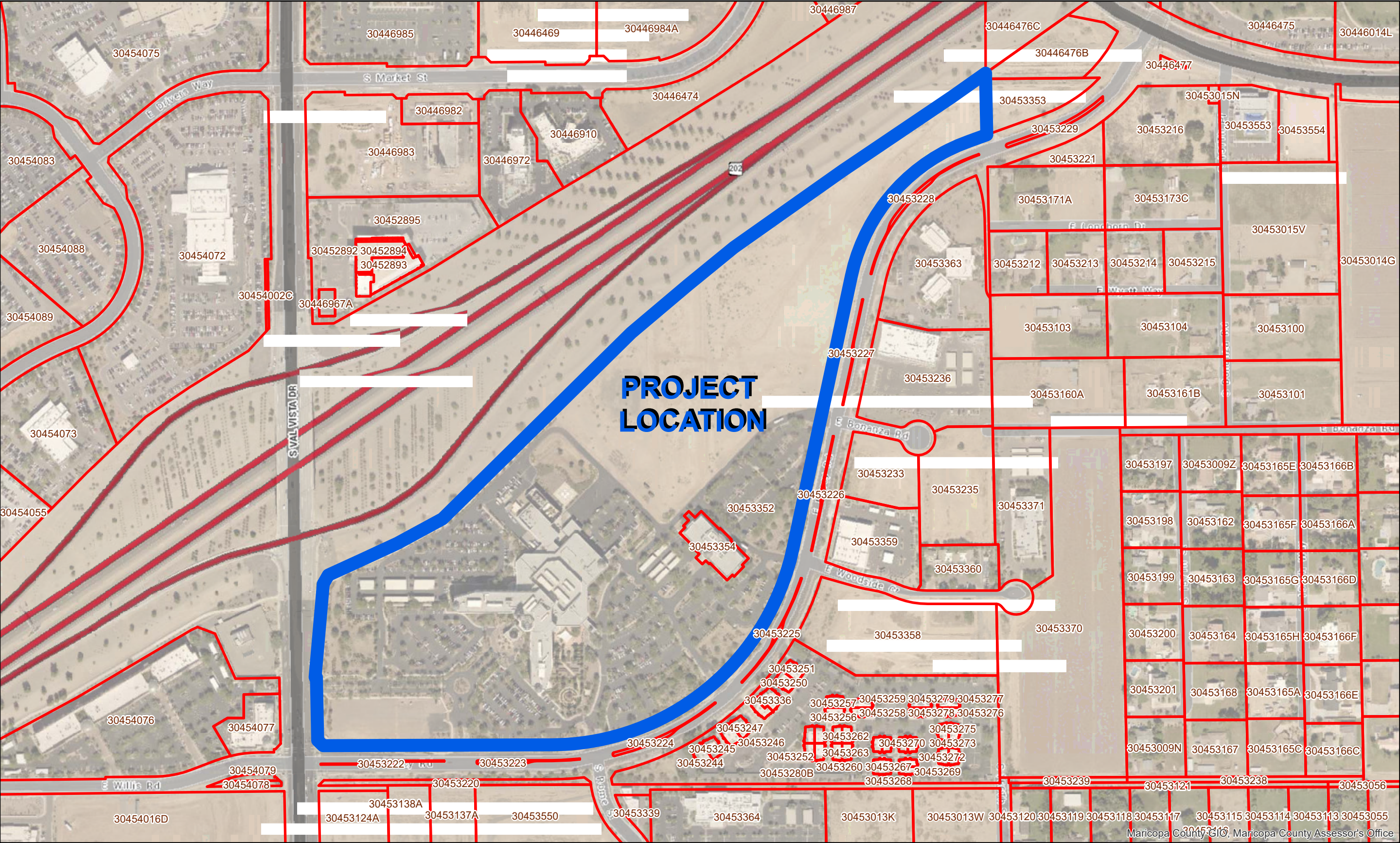


GILBERT

0 300 600 1,200 Feet



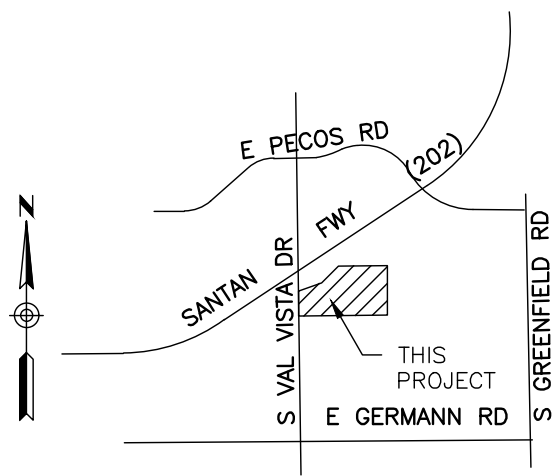
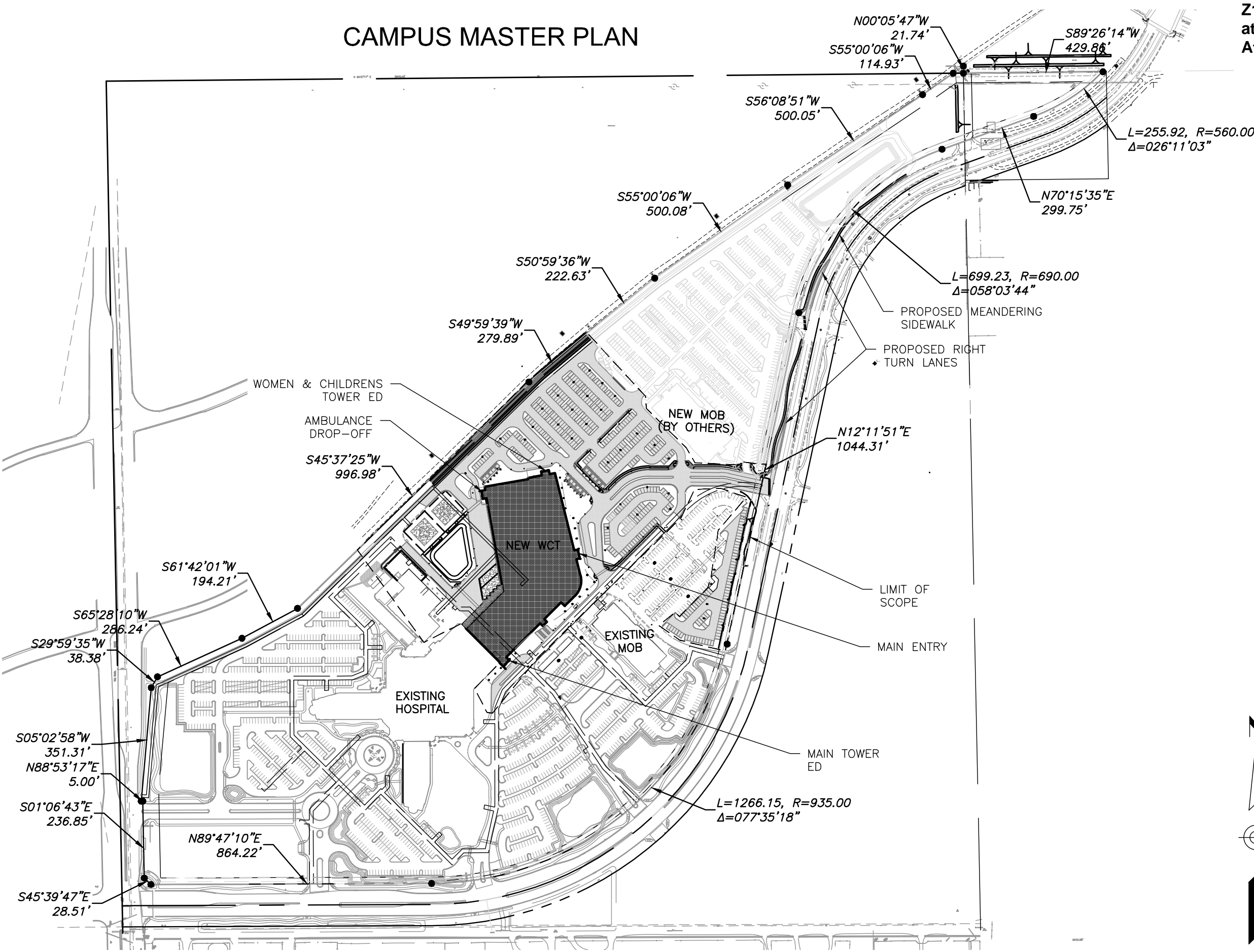
Mercy Gilbert Medical Center Women & Children's Tower



**Z18-95: Women's and Children's Tower
at Mercy Gilbert
Attachment 2 - Aerial**

CAMPUS MASTER PLAN

Z18-95: Women's and Children's Tower
at Mercy Gilbert
Attachment 3 - Master Site Plan

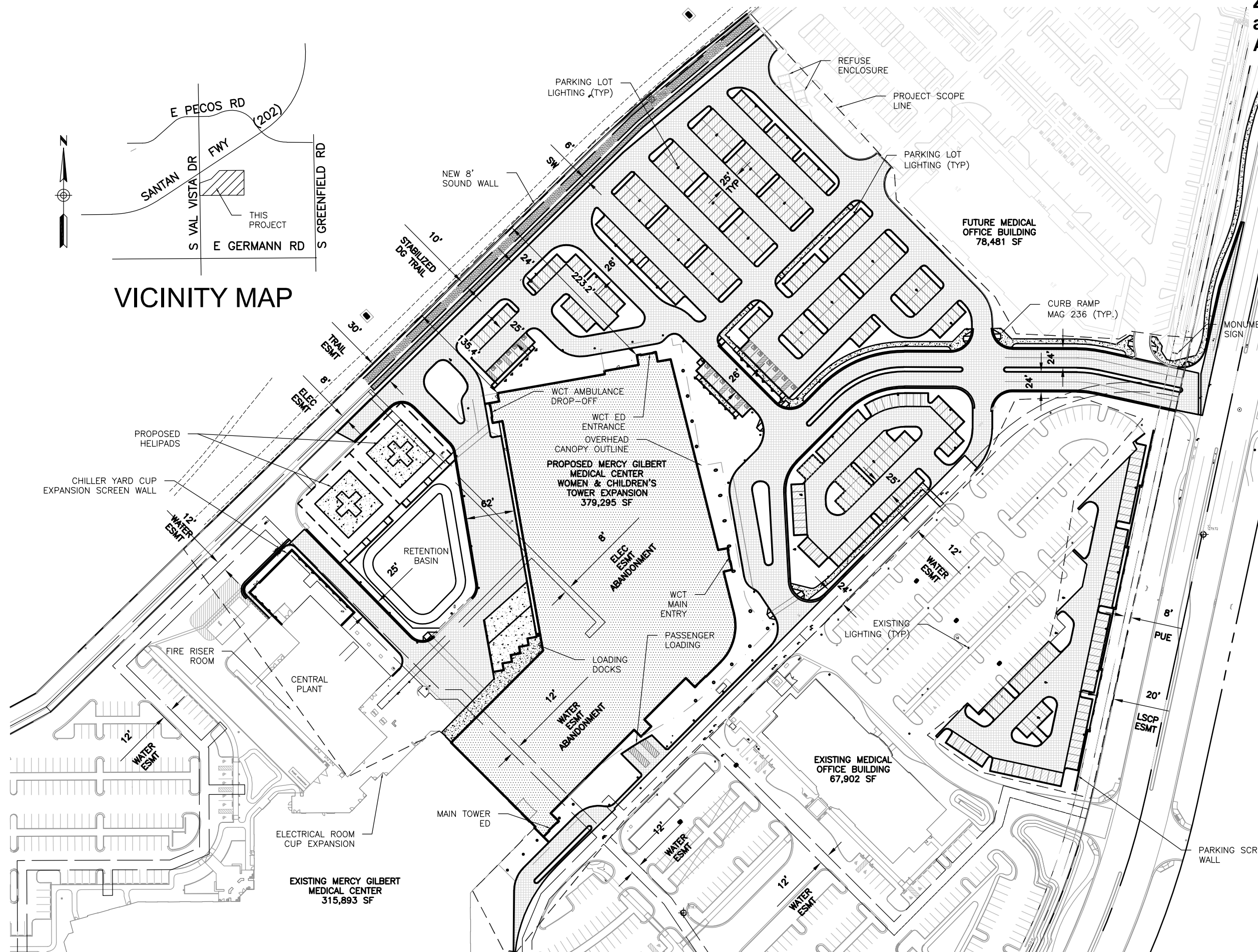


VICINITY MAP



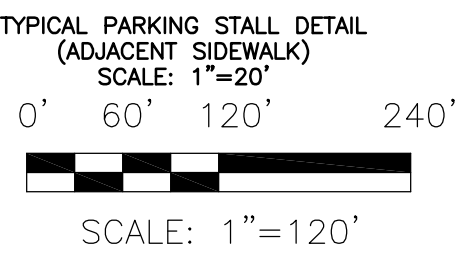
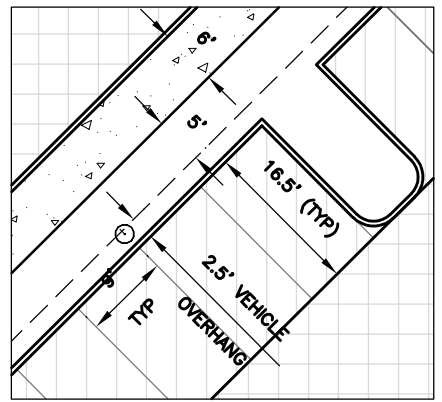
SCALE: 1"=300'
EXHIBIT 4.1

**Z18-95: Women's and Children's Tower
at Mercy Gilbert
Attachment 4 - Site Plan**



SITE DATA

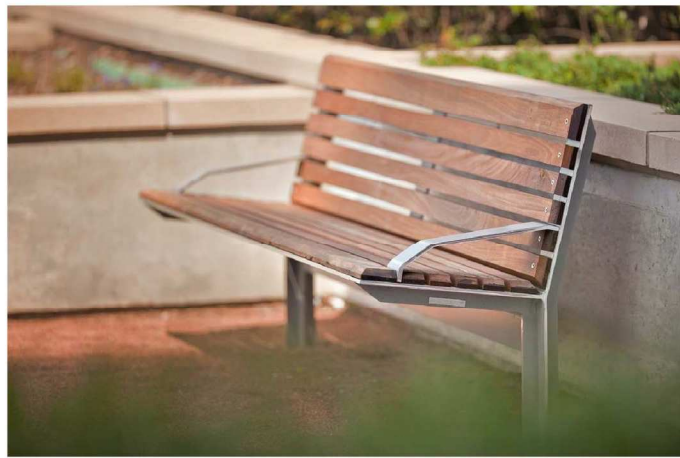
<u>ZONING</u>			
EXISTING PHASE 1:	PF/I		
PROPOSED PHASE 2:	PF/I		
<u>USE</u>			
EXISTING PHASE 1:	HOSPITAL/MEDICAL OFFICE		
PROPOSED PHASE 2:	HOSPITAL/MEDICAL OFFICE		
<u>DEVELOPMENT AREA</u>			
GROSS:	699048 SF (16.05 ACRES±)		
NET:	666,649 SF (15.30 ACRES±)		
BUILDING AREA:	116,066 SF		
<u>BUILDING AREA</u>			
EXISTING HOSPITAL:	315,893 SF		
EXISTING MOB:	67,902 SF		
PROPOSED HOSPITAL:	379,295 SF		
MOB (OTHERS):	78,481 SF		
<u>BUILDING SETBACKS</u>			
FRONT	25' BUILDING	20' LANDSCAPE	
REAR	15' BUILDING &	LANDSCAPE	
SEPARATION	20'		
<u>LANDSCAPE INFORMATION</u>			
LANDSCAPE AREA	100,360 SF		
% LANDSCAPING	15.1 %		
<u>SITE PARKING METRICS</u>			
	REQUIRED	PROVIDED	
EXISTING:			
1.5 * 212 BEDS (HOSPITAL)	318	1136	
MIN ADA	8	52	
1 PER 150 SF (MED. OFFICE)	453	ABOVE	
MIN ADA (VAN)	9	ABOVE	
PROPOSED (NET INCREASE):			
1.5 PER 192 BEDS (HOSPITAL)	288	453	
MIN ADA (VAN)	7 (2)	18 (2)	
1 PER 150 SF (MED. OFFICE)	524	524	
MIN ADA (VAN) BY OTHERS	11 (2)	11 (2)	
TOTAL:	1618	2176	



**EXHIBIT 4.2
ENLARGED SITE PLAN**



EXHIBIT 5.10 RENDERED LANDSCAPE PLAN



① PRODUCT: KNIGHT BENCH
MANUFACTURER: FORMS AND SURFACES
MODEL: SBKNI-096B

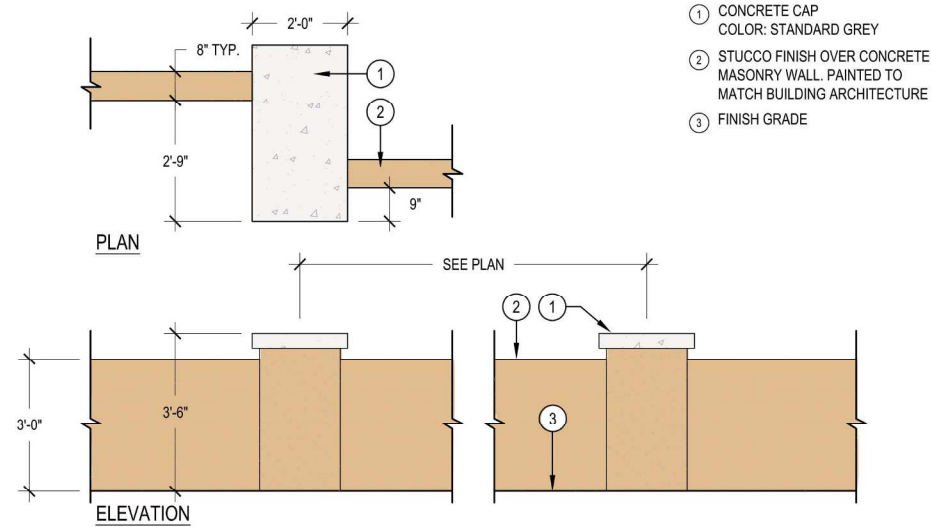


① PRODUCT: CONCRETE PLANTER
MANUFACTURER: KORNEGAY
MODEL: QUARTZ SERIES

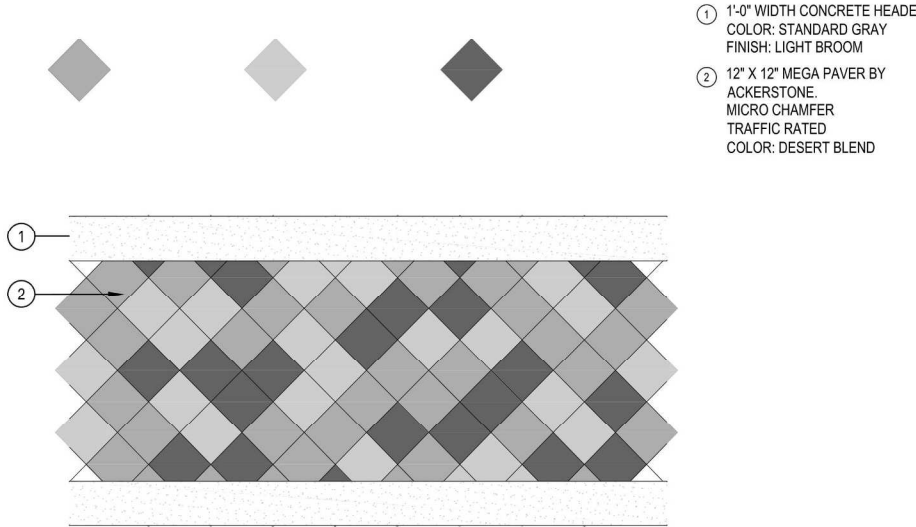


① PRODUCT: CAPITOL BIKE RACK
MANUFACTURER: FORMS + SURFACES, MODEL: SKCAP

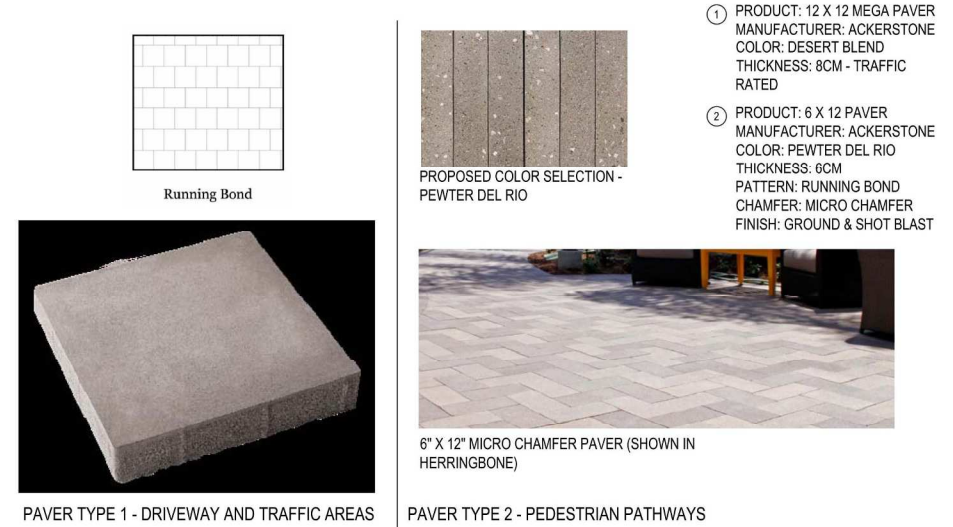
1 BENCH



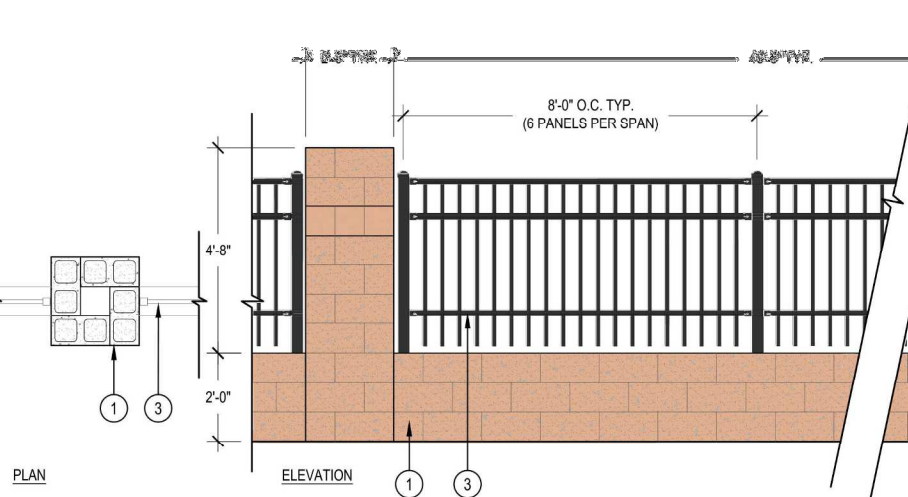
2 CONCRETE PLANTER



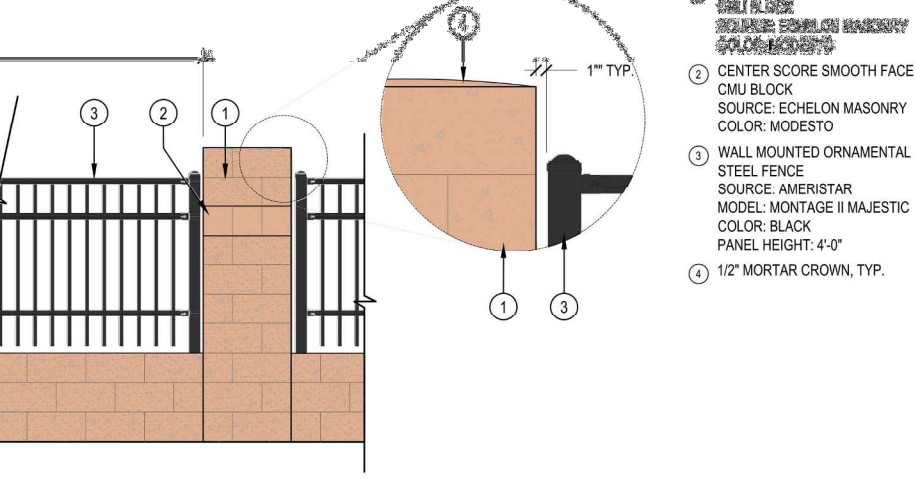
3 BIKE RACK



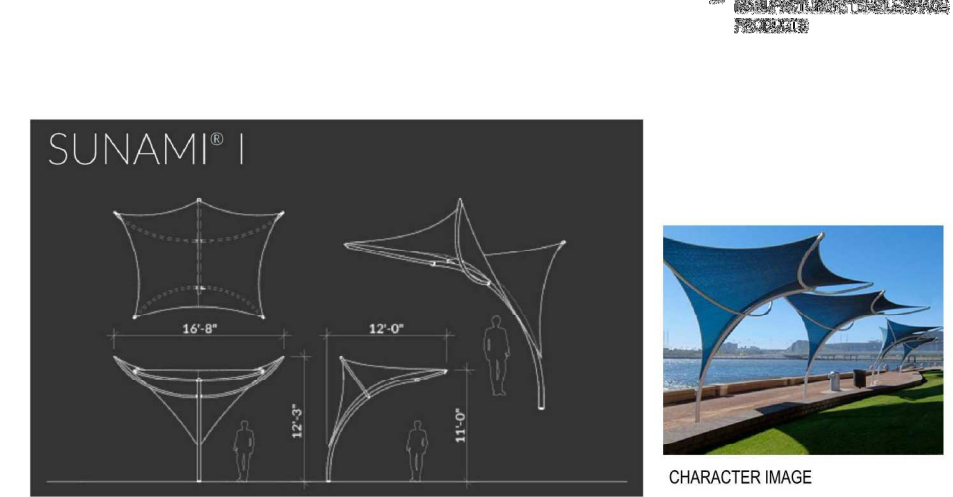
4 PARKING SCREEN WALL



5 DECORATIVE GROSSWALK



6 PAVER SELECTIONS

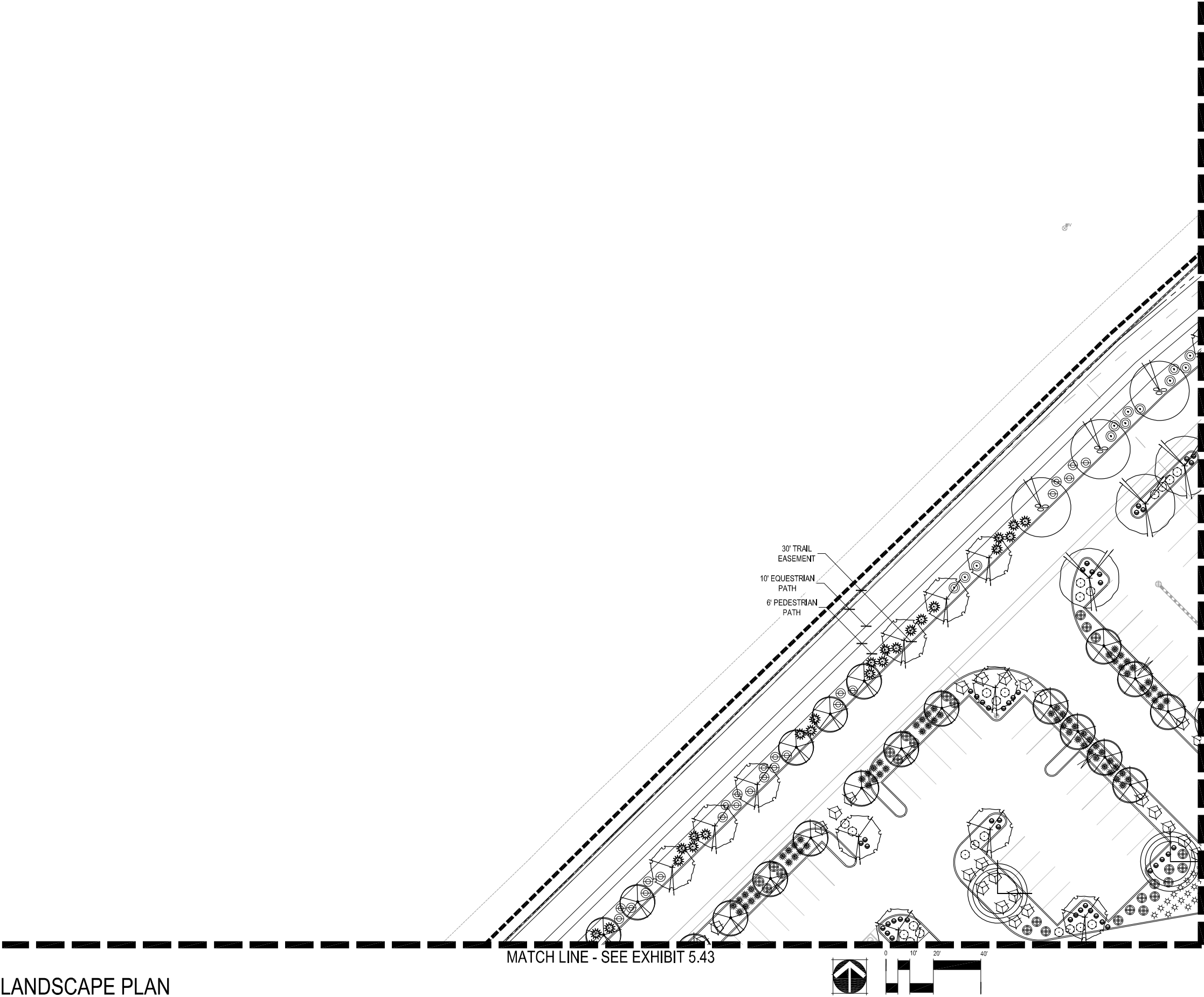


7 PERIMETER SCREEN WALL



8 TENSILE SHADE





LANDSCAPE PLAN

PLANT SCHEDULE			
SYMBOL	COMMON NAME BOTANICAL NAME	SIZE BRANCHING	CALIPER HT & W
TREES			
	Acacia aneura Mulga	36" Box SINGLE	2.5" CALIPER HT 6' X W 3'
	Chilopsis linearis 'Bubba' Desert Willow	24" Box MULTI	2" CALIPER HT 6' X W 3'
	Q. neyia tesota Ironwood	36" Box SINGLE	3" CALIPER HT 10' X W 6'
	Parkinsonia 'Hybrid' Hybrid Palo Verde	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Phoenix dactylopera Date Palm		20' TRUNK HEIGHT
	Pithecellobium heterophyllum Texas Ebony	24" Box SINGLE	2" CALIPER HT 8' X W 6'
	Prosopis juliflora Rio Salado Mesquite	24" Box MULTI	2" CALIPER HT 8' X W 6'
	Prosopis glandulosa maverickii Texas Honey Mesquite 'Thornless'	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Ulmus parviflora Evergreen Elm	36" Box	2.5" CALIPER HT 10' X W 8'
SHRUBS			
	Calliandra californica Baja Fairy Duster	5 GALLON	
	Leucophyllum langmaniae Rio Bravo Sage	5 GALLON	
	Ruellia peruviana Desert Ruellia	5 GALLON	
	Simmondsia chinensis Jojoba	5 GALLON	
	Tecoma stans Arizona Yellow Balls	5 GALLON	
ACCENTS			
	Agave americana Century Plant	5 GALLON	
	Asclepias tuberosa Desert Milkweed	5 GALLON	
	Dasylirion quadrangulum Toothless Desert Spoon	5 GALLON	
	Dasylirion wheeleri Desert Spoon	5 GALLON	
	Euphorbia rigida Gopher Plant	5 GALLON	
	Fouquieria splendens Ocotillo	24" Box	
	Hesperaloe parviflora Giant Aloe	5 GALLON	
	Hesperaloe parviflora 'Brakelights'	5 GALLON	
	Opuntia sp. Santa Rita Picky Pear	5 GALLON	
	Sphaeralcea ambigua Desert Globemallow	5 GALLON	
	Yucca pallida Pale Leaf Yucca	5 GALLON	
GROUNDCOVERS			
	Lantana x 'New Gold' New Gold Lantana	1 GALLON	
	Rosmarinus officinalis 'Prostratus' Creeping Rosemary	1 GALLON	
GRASSES			
	Muhlenbergia flaggens Deer Grass	5 GALLON	
BOULDERS			
	Source: Aztec Boulders Phone: 623.581.9111	24" Boulder	
		36" Boulder	
		44" Boulder	
TOPDRESS			
	Pioneer Apache Brown 1" Screened DG	Pioneer Apache Brown 1/2" Minus DG	Pioneer Apache Brown 3" - 4" Rip Rap
NOTES:			
1. MINIMUM CALIPER SIZE IS A ZONING REQUIREMENT. IF THE MINIMUM CALIPER CANNOT BE MET AT BOX SIZE THAT IS SPECIFIED, THEN THE BOX SIZE MUST BE INCREASED TO MEET CALIPER REQUIREMENTS.			

PAVING SCHEDULE	
	EXPOSED AGGREGATE CONCRETE COLOR: STANDARD GREY FINISH: LIGHT BROOM
	PRECAST CONCRETE TRUNCATED DOME PAVERS MANUFACTURED BY: PAVESTONE COLOR: TBD
	STANDARD GREY CONCRETE WALK
	12 X 12 PAVES, VEHICULAR RATED COLOR: TBD
	LINEAR PAVES, PEDESTRIAN RATED COLOR: PEWTER DEL 110

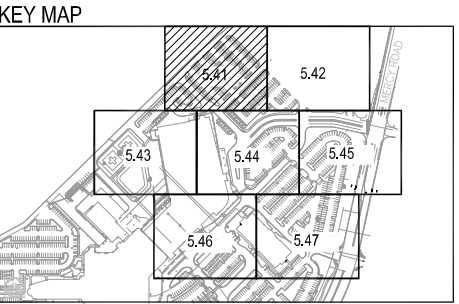


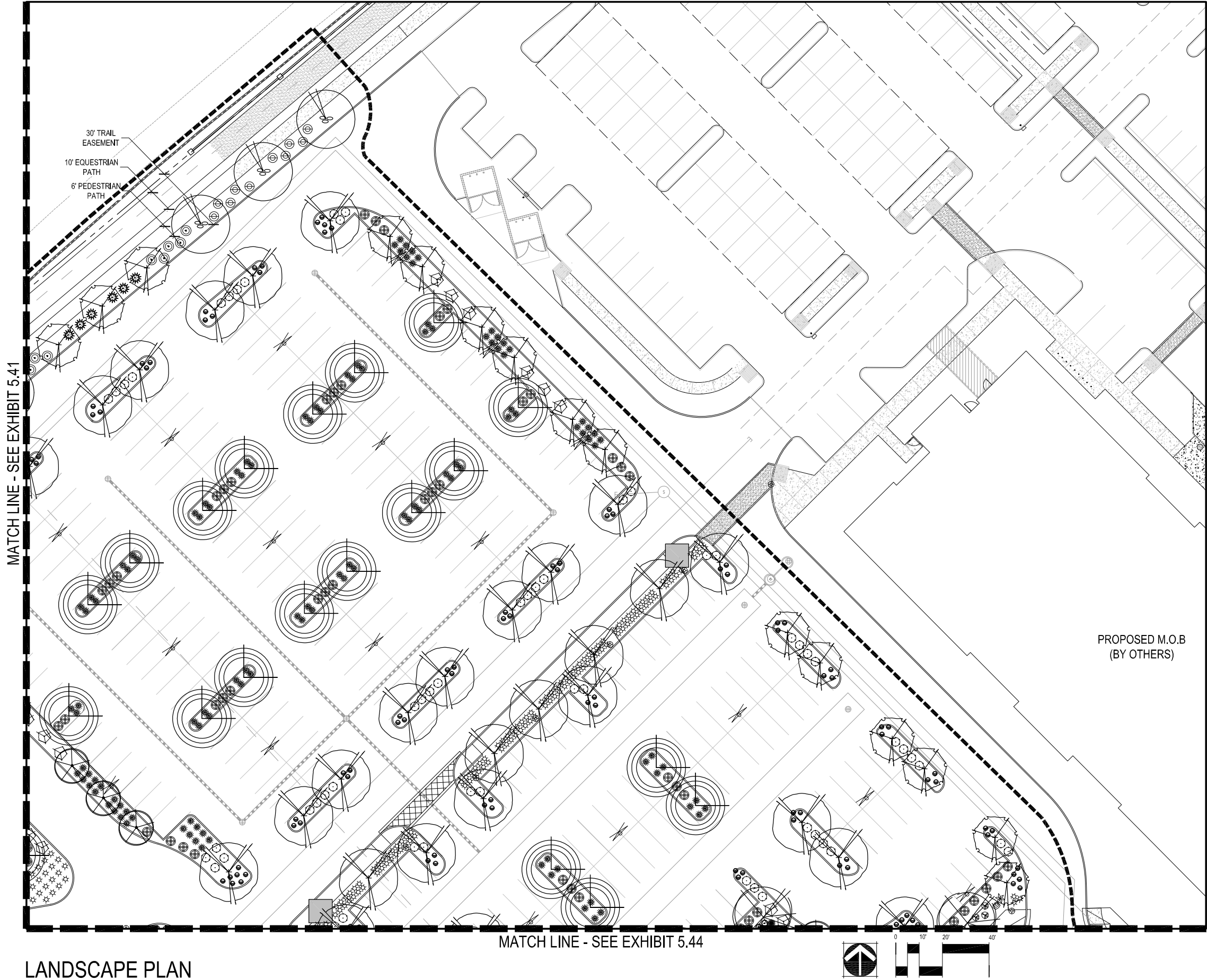
EXHIBIT 5.41 LANDSCAPE PLAN



Women and Children's Tower At Mercy
Gilbert Medical Center

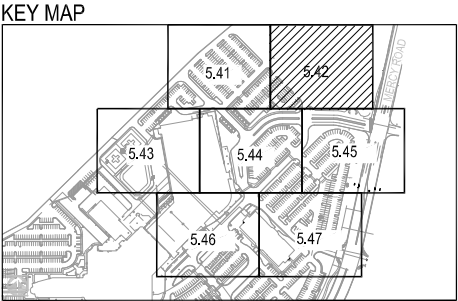


05/17/2018



SYMBOL	COMMON NAME BOTANICAL NAME	SIZE BRANCHING	CALIPER HT & W
TREES			
	Acacia aneura Muga	36" Box SINGLE	2.5" CALIPER HT 6' X W 3'
	Chilopsis linearis 'Bubba' Desert Willow	24" Box MULTI	2" CALIPER HT 6' X W 3'
	Olneya tesota Ironwood	36" Box SINGLE	3" CALIPER HT 10' X W 8'
	Parkinsonia 'Hybrid' Hybrid Palo Verde	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Phoenix dactylopera Date Palm		20' TRUNK HEIGHT
	Ficus microcarpa Texas Ebony	24" Box SINGLE	2" CALIPER HT 8' X W 6'
	Prosopis juliflora Rio Salado Mesquite	24" Box MULTI	2" CALIPER HT 8' X W 6'
	Prosopis glandulosa murrayana Texas Honey Mesquite 'Thornless'	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Ulmus parviflora Evergreen Elm	36" Box	2.5" CALIPER HT 10' X W 8'
SHRUBS			
	Calliandra californica Baja Fairy Duster	5 GALLON	
	Leucophyllum langmaniae Rio Bravo Sage	5 GALLON	
	Ruellia peruviana Desert Ruellia	5 GALLON	
	Simmondsia chinensis Jojoba	5 GALLON	
	Tecoma stans Arizona Yellow Bells	5 GALLON	
ACCENTS			
	Agave americana Century Plant	5 GALLON	
	Asclepias tuberosa Desert Milkweed	5 GALLON	
	Dasylirion quadrangulum Toothless Desert Spoon	5 GALLON	
	Dasylirion wheeleri Desert Spoon	5 GALLON	
	Euphorbia rigida Gopher Plant	5 GALLON	
	Fourchardia splendens Occillo	24" Box	
	Hesperaloe parviflora Giant Aloe	5 GALLON	
	Hesperaloe parviflora 'Brake Lights'	5 GALLON	
	Opuntia sp. Santa Rita Picky Pear	5 GALLON	
	Sphaeralcea ambigua Desert Globemallow	5 GALLON	
	Yucca pallida Pale Leaf Yucca	5 GALLON	
GROUNDCOVERS			
	Lantana x 'New Gold' New Gold Lantana	1 GALLON	
	Rosmarinus officinalis 'Prostratus' Creeping Rosemary	1 GALLON	
GRASSES			
	Muhlenbergia rigens Deer Grass	5 GALLON	
BOULDERS			
	24" Boulder		
	36" Boulder		
	44" Boulder		
TOPDRESS			
	Fioneer Apache Brown 1" Screened DG		
	Fioneer Apache Brown 1/2" Minus DG		
	Fioneer Apache Brown 3" - 4" Rip Rap		
NOTES			
1. MINIMUM CALIPER SIZE IS A ZONING REQUIREMENT. IF THE MINIMUM CALIPER CANNOT BE MET AT BOX SIZE THAT IS SPECIFIED, THEN THE BOX SIZE MUST BE INCREASED TO MEET CALIPER REQUIREMENTS.			

PAVING SCHEDULE	
	EXPOSED AGGREGATE CONCRETE COLOR: STANDARD GREY FINISH: LIGHT BROOM
	PRECAST CONCRETE TRUNCATED DOME PAVERS MANUFACTURED BY: PAVESTONE COLOR: TBD SIZE: 4'X8'X6MM
	STANDARD GREY CONCRETE WALK
	12 X 12 PAVES, VEHICULAR RATED COLOR: TBD
	LINEAR PAVES, PEDESTRIAN RATED COLOR: PEWTER DEL 10



LANDSCAPE PLAN

EXHIBIT 5.42 LANDSCAPE PLAN



Women and Children's Tower At Mercy
Gilbert Medical Center



05/17/2018

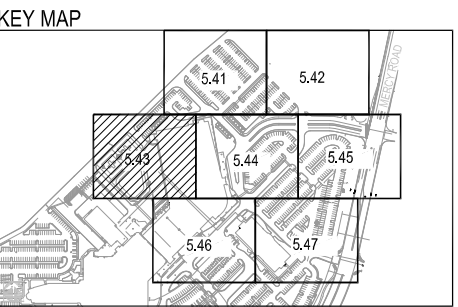
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MATCH LINE - SEE EXHIBIT 5.44

PLANT SCHEDULE			
SYMBOL	COMMON NAME BOTANICAL NAME	SIZE BRANCHING	CALIPER HT & W
TREES			
	Acacia aneura Muga	36" Box SINGLE	2.5" CALIPER HT 6' X W 3'
	Chlopalis linearis 'Bubba' Desert Willow	24" Box MULTI	2" CALIPER HT 6' X W 3'
	Olneya tesota Ironwood	36" Box SINGLE	3" CALIPER HT 10' X W 6'
	Parinsonia 'Hybrid' Hybrid Palo Verde	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Phoenix dactylifera Date Palm		20' TRUNK HEIGHT
	Pittosporum tenuicaule Texas Ebony	24" Box SINGLE	2" CALIPER HT 8' X W 6'
	Prosopis juliflora Rio Salado Mesquite	24" Box MULTI	2" CALIPER HT 8' X W 6'
	Prosopis glandulosa maverick Texas Honey Mesquite 'Thornless'	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Ulmus parviflora Evergreen Elm	36" Box	2.5" CALIPER HT 10' X W 8'
SHRUBS			
	Calliandra californica Baja Fairy Duster	5 GALLON	
	Leucophyllum langmaniae Rio Bravo Sage	5 GALLON	
	Rhus copallina Desert Rhus	5 GALLON	
	Simmondsia chinensis Jojoba	5 GALLON	
	Tecoma stans Arizona Yellow Bell	5 GALLON	
ACCENTS			
	Agave americana Century Plant	5 GALLON	
	Asclepias tuberosa Desert Milkweed	5 GALLON	
	Dasylirion quadrangulum Toolless Desert Spoon	5 GALLON	
	Dasylirion wheeleri Desert Spoon	5 GALLON	
	Euphorbia tirucalli Copper Plant	5 GALLON	
	Fouquieria splendens Ocotillo	24" Box	
	Hesperaloe parviflora Giant Aloe	5 GALLON	
	Hesperaloe parviflora 'Brakelights'	5 GALLON	
	Opuntia sp. Santa Rita Picky Pear	5 GALLON	
	Sphaeralcea ambigua Desert Globemallow	5 GALLON	
	Yucca pallida Pale Leaf Yucca	5 GALLON	
GROUNDCOVERS			
	Lantana 'New Gold' New Gold Lantana	1 GALLON	
	Rosmarinus officinalis 'Prostratus'	1 GALLON	
GRASSES			
	Muhlenbergia rigens Deer Grass	5 GALLON	
BOULDERS			
	24" Boulder		
	36" Boulder		
	44" Boulder		
TOPDRESS			
	Pioneer Apache Brown 1" Screened DG		
	Pioneer Apache Brown 1/2" Screened DG		
	Pioneer Apache Brown 3" - 4" Rip Rap		
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PAVING SCHEDULE	
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	PRECAST CONCRETE TRUNCATED DOME PAVERS MANUFACTURED BY: PAVESTONE COLOR: TBD SIZE: 4"X8"X6MM
	STANDARD GREY CONCRETE WALK
	12 X 12 PAVES VEHICULAR RATED COLOR: TBD
	LINEAR PAVES PEDESTRIAN RATED COLOR: PEWTER DEL RIO



LANDSCAPE PLAN

EXHIBIT 5.43 LANDSCAPE PLAN



Women and Children's Tower At Mercy
Gilbert Medical Center



05/17/2018

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MATCH LINE - SEE EXHIBIT 5.43

MATCH LINE - SEE EXHIBIT 5.42

MATCH LINE - SEE EXHIBIT 5.45

PROPOSED TOWER

MATCH LINE - SEE EXHIBIT 5.46

MATCH LINE - SEE EXHIBIT 5.47

LANDSCAPE PLAN

SYMBOL	COMMON NAME BOTANICAL NAME	SIZE BRANCHING	CALIPER HT & W
TREES			
	Acacia aneura Munga	36" Box SINGLE	2.5" CALIPER HT 6' X W 3'
	Chilopsis linearis 'Bubba' Desert Willow	24" Box MULTI	2" CALIPER HT 6' X W 3'
	Olneya tesota Ironwood	36" Box SINGLE	3" CALIPER HT 10' X W 6'
	Parkinsonia 'Hybrid' Hybrid Palo Verde	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Phoenix Dactyloctenium Date Palm		20' TRUNK HEIGHT
	Ficus microcarpa Texas Ebony	24" Box SINGLE	2" CALIPER HT 8' X W 6'
	Prosopis juliflora Rio Salado Mesquite	24" Box MULTI	2" CALIPER HT 8' X W 6'
	Prosopis glandulosa marmorata Texas Honey Mesquite 'Thornless'	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Ulmus parviflora Evergreen Elm	36" Box	2.5" CALIPER HT 10' X W 8'
SHRUBS			
	Calliandra californica Baja Fairy Duster	5 GALLON	
	Leucophyllum langmaniae Rio Bravo Sage	5 GALLON	
	Rhus microphylla Desert Rhus	5 GALLON	
	Simmondsia chinensis Jojoba	5 GALLON	
	Tecoma stans Arizona Yellow Bells	5 GALLON	
ACCENTS			
	Agave americana Century Plant	5 GALLON	
	Asclepias tuberosa Desert Milkweed	5 GALLON	
	Dasylirion quadrangulum Toothless Desert Spoon	5 GALLON	
	Dasylirion wheeleri Desert Spoon	5 GALLON	
	Euphorbia rigida Gopher Plant	5 GALLON	
	Fouquieria splendens Ocotillo	24" Box	
	Hesperaloe parviflora Giant Aloe	5 GALLON	
	Hesperaloe parviflora 'Brake Lights'	5 GALLON	
	Opuntia sp. Santa Rita Picky Pear	5 GALLON	
	Sphaeralcea angustifolia Desert Globemallow	5 GALLON	
	Yucca puberula Pale Leaf Yucca	5 GALLON	
GROUNDCOVERS			
	Lantana x 'New Gold' New Gold Lantana	1 GALLON	
	Rosmarinus officinalis 'Prostratus' Creeping Rosemary	1 GALLON	
GRASSES			
	Muhlenbergia rigens Deer Grass	5 GALLON	
BOULDERS			
	24" Boulder		
	36" Boulder		
	44" Boulder		
TOPDRESS			
	Pioneer Apache Brown 1/2" Screened DG		
	Pioneer Apache Brown 3" - 4" Rip Rap		
NOTES			
1. MINIMUM CALIPER SIZE IS A ZONING REQUIREMENT. IF THE MINIMUM CALIPER CANNOT BE MET AT BOX SIZE THAT IS SPECIFIED, THEN THE BOX SIZE MUST BE INCREASED TO MEET CALIPER REQUIREMENTS.			

PAVING SCHEDULE

	EXPOSED AGGREGATE CONCRETE COLOR: STANDARD GREY
	PRECAST CONCRETE TRUNCATED DOME PAVERS MANUFACTURED BY: PAVESTONE COLOR: TBD SIZE: 4"x8"x6MM
	STANDARD GREY CONCRETE WALK
	12 X 12 PAVES VEHICULAR RATED COLOR: TBD
	LINEAR PAVES PEDESTRIAN RATED COLOR: PEWTER DEL Rio

KEY MAP

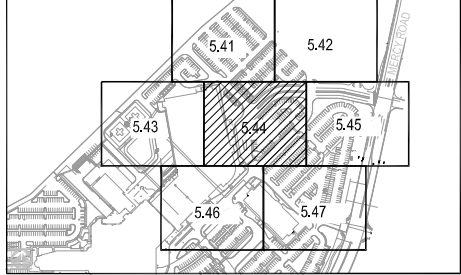


EXHIBIT 5.44 LANDSCAPE PLAN

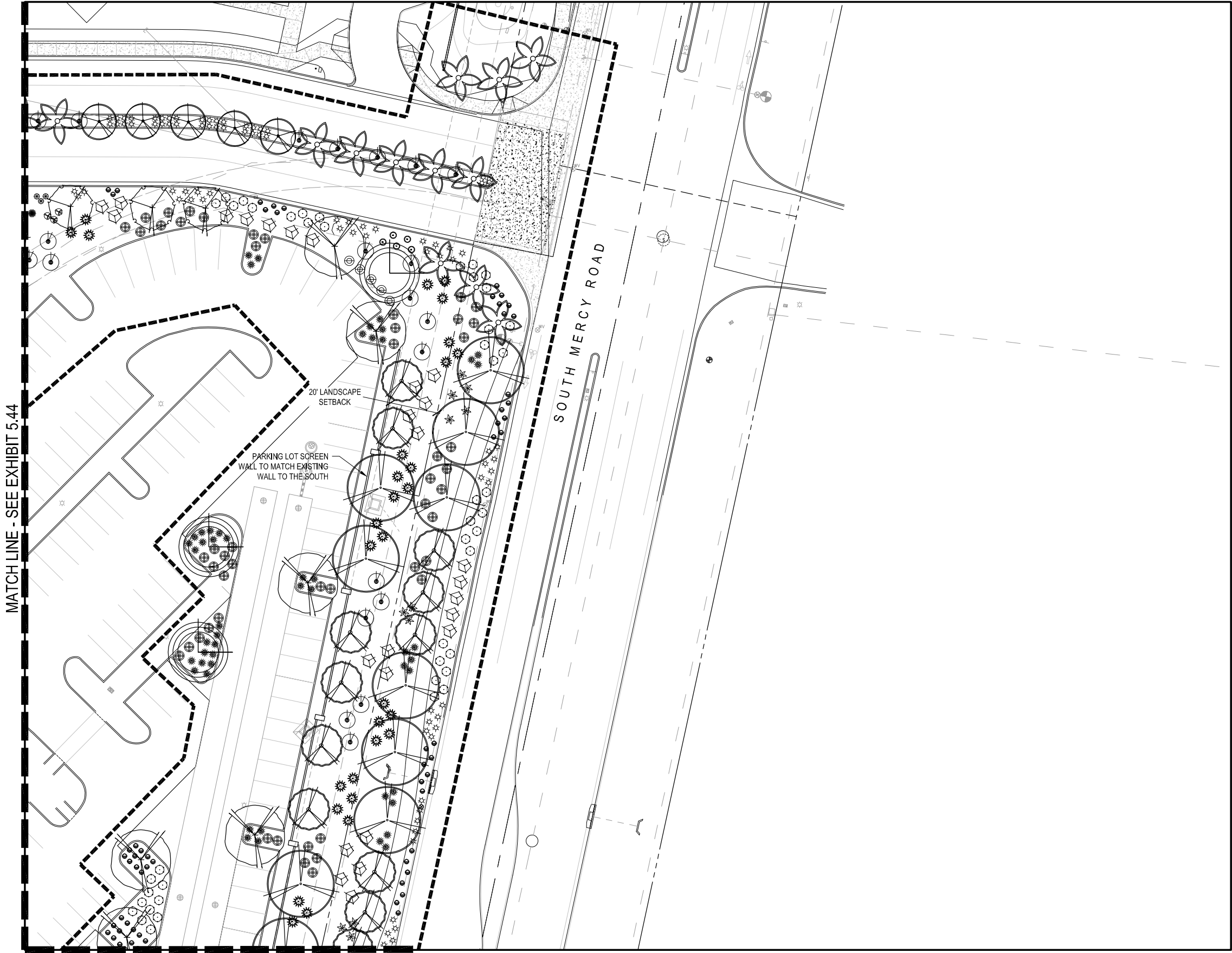


Women and Children's Tower At Mercy
Gilbert Medical Center



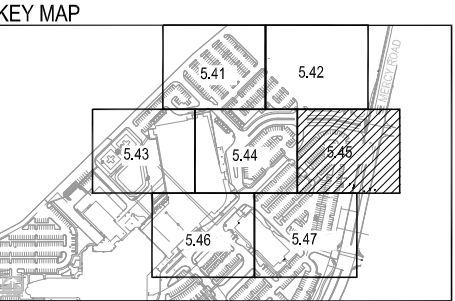
05/17/2018

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PLANT SCHEDULE			
SYMBOL	COMMON NAME BOTANICAL NAME	SIZE BRANCHING	CALIPER HT & W
TREES			
	Acacia aneura Mulga	36" Box SINGLE	2.5" CALIPER HT 6' X W 3'
	Chilopsis linearis 'Bubba' Desert Willow	24" Box MULTI	2" CALIPER HT 6' X W 3'
	Olneya tesota Ironwood	36" Box SINGLE	3" CALIPER HT 10' X W 6'
	Parkinsonia 'Hybrid' Hybrid Palo Verde	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Phoenix Dactylifera Date Palm		20' TRUNK HEIGHT
	Ficus texensis Texas Ebony	24" Box SINGLE	2" CALIPER HT 8' X W 6'
	Prosopis juliflora Rio Salado Mesquite	24" Box MULTI	2" CALIPER HT 8' X W 6'
	Prosopis glandulosa merrillii Texas Honey Mesquite 'Thornless'	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Ulmus parviflorus Evergreen Elm	36" Box	2.5" CALIPER HT 10' X W 8'
SHRUBS			
	Calliandra californica Baja Fairy Duster	5 GALLON	
	Leucophyllum langmaniae Rio Bravo Sage	5 GALLON	
	Ruellia peruviana Desert Ruellia	5 GALLON	
	Simmondsia chinensis Jojoba	5 GALLON	
	Tecoma stans Arizona Yellow Bells	5 GALLON	
ACCENTS			
	Agave americana Century Plant	5 GALLON	
	Asclepias tuberosa Desert Milkweed	5 GALLON	
	Dasylirion quadrangulum Toothless Desert Spoon	5 GALLON	
	Dasylirion wheeleri Desert Spoon	5 GALLON	
	Euphorbia rigida Gopher Plant	5 GALLON	
	Fouquieria splendens Ocotillo	24" Box	
	Hesperaloe parviflora Giant Aloe	5 GALLON	
	Hesperaloe parviflora 'Brake Lights' Dwarf Cinnamon Red Yucca	5 GALLON	
	Opuntia sp. Santa Rita Prickly Pear	5 GALLON	
	Sphaeralcea ambigua Desert Globemallow	5 GALLON	
	Yucca pallida Pale Leaf Yucca	5 GALLON	
GROUNDCOVERS			
	Lantana x 'New Gold' New Gold Lantana	1 GALLON	
	Rosmarinus officinalis 'Prostratus' Creeping Rosemary	1 GALLON	
GRASSES			
	Muhlenbergia rigens Deer Grass	5 GALLON	
BOULDERS			
	24" Boulder		
	36" Boulder		
	44" Boulder		
TOPDRESS			
	Pioneer Apache Brown 1" Screened DG		Pioneer Apache Brown 1/2" Minus DG
	Pioneer Apache Brown 3" - 4" Rip Rap		
NOTES			
1. MINIMUM CALIPER SIZE IS A ZONING REQUIREMENT. IF THE MINIMUM CALIPER CANNOT BE MET AT BOX SIZE THAT IS SPECIFIED, THEN THE BOX SIZE MUST BE INCREASED TO MEET CALIPER REQUIREMENTS.			

PAVING SCHEDULE	
	EXPOSED AGGREGATE CONCRETE COLOR: STANDARD GREY FINISH: BROOM
	PRECAST CONCRETE TRUNCATED DOME PAVERS MANUFACTURED BY: PAVESTONE COLOR: TBD SIZE: 4'X8'X6MM
	STANDARD GREY CONCRETE WALK
	12 X 12 PAVES, VEHICULAR RATED COLOR: TBD
	LINEAR PAVES, PEDESTAL RATED COLOR: PEWTER DEL RIO



LANDSCAPE PLAN

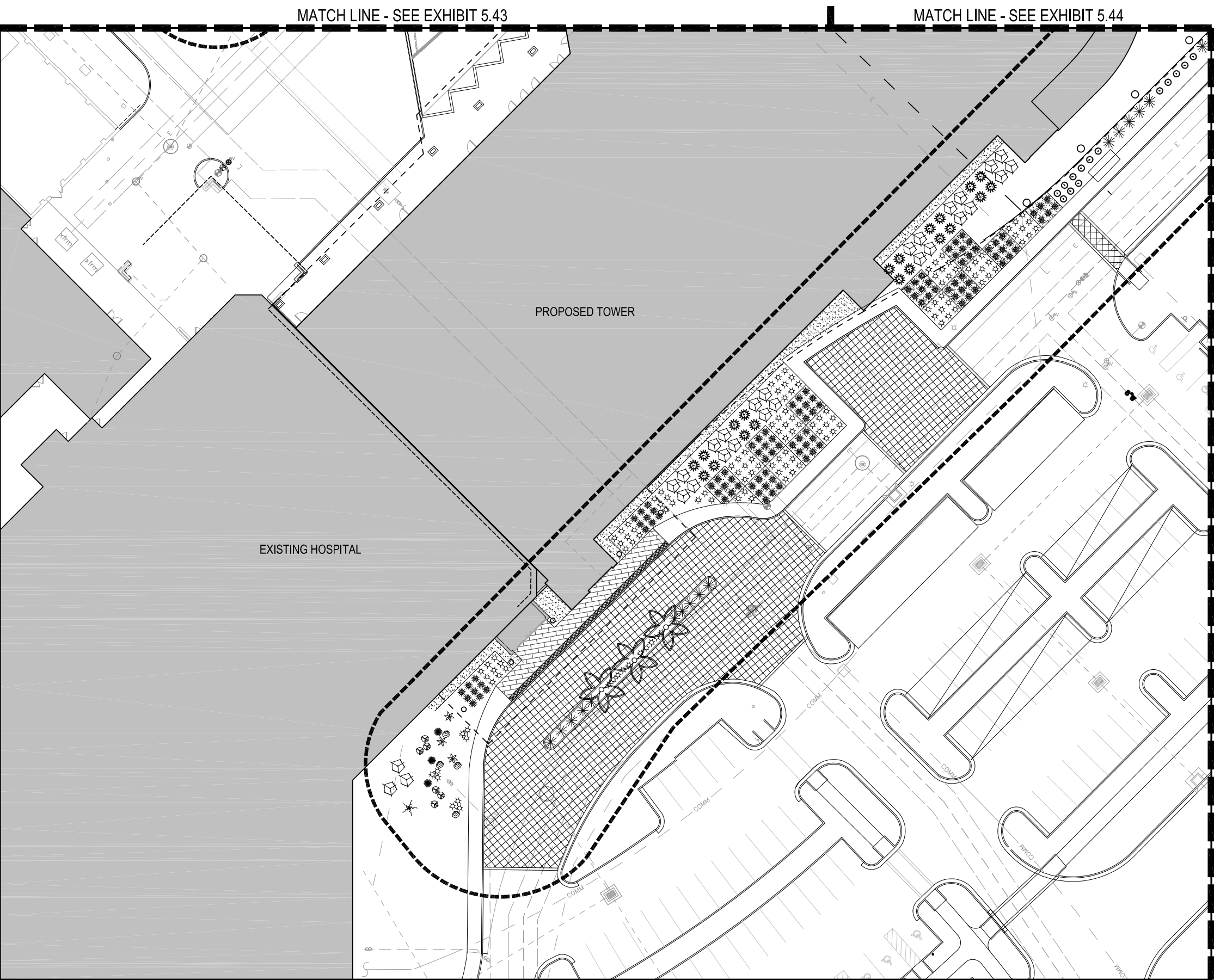
EXHIBIT 5.45 LANDSCAPE PLAN



Women and Children's Tower At Mercy
Gilbert Medical Center



05/17/2018



PLANT SCHEDULE			
SYMBOL	COMMON NAME BOTANICAL NAME	SIZE BRANCHING	CALIPER HT & W
TREES			
	Acacia aneura Muga	36" Box SINGLE	2.5" CALIPER HT 6' X W 3'
	Chilopsis linearis 'Bubba' Desert Willow	24" Box MULTI	2" CALIPER HT 6' X W 3'
	Olneya tesota Ironwood	36" Box SINGLE	3" CALIPER HT 10' X W 6'
	Parkinsonia 'Hybrid' Hybrid Palo Verde	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Phoenix Dactylopera Date Palm		20' TRUNK HEIGHT
	Ficus alba 'Texas Ebony' Texas Ebony	24" Box SINGLE	2" CALIPER HT 8' X W 6'
	Prosopis juliflora Rio Salado Mesquite	24" Box MULTI	2" CALIPER HT 8' X W 6'
	Prosopis glandulosa mavenick Texas Honey Mesquite 'Thornless'	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Ulmus parviflora Evergreen Elm	36" Box	2.5" CALIPER HT 10' X W 8'
SHRUBS			
	Calliandra californica Baja Fairy Duster	5 GALLON	
	Leucophyllum laurifolia Rio Bravo Sage	5 GALLON	
	Rudbeckia hirta Desert Rudbeckia	5 GALLON	
	Simmondsia chinensis Jojoba	5 GALLON	
	Tacoma stans Arizona Yellow Balls	5 GALLON	
ACCENTS			
	Agave americana Century Plant	5 GALLON	
	Asclepias tuberosa Desert Milkweed	5 GALLON	
	Dasylirion quadrangulum Toothless Desert Spoon	5 GALLON	
	Dasylirion wheeleri Desert Spoon	5 GALLON	
	Euphorbia rigida Gopher Plant	5 GALLON	
	Fouquieria splendens Ocotillo	24" Box	
	Hesperaloe parviflora Giant Aloe	5 GALLON	
	Hesperaloe parviflora 'Brake Lights'	5 GALLON	
	Opuntia sp. Santa Rita Picky Pear	5 GALLON	
	Sphaeralcea angustifolia Desert Globemallow	5 GALLON	
	Yucca pallida Pale Leaf Yucca	5 GALLON	
GROUNDCOVERS			
	Lantana x New Gold New Gold Lantana	1 GALLON	
	Rosmarinus officinalis 'Prostratus'	1 GALLON	
GRASSES			
	Muhlenbergia rigens Deer Grass	5 GALLON	
BOULDERS			
	24" Boulder		
	36" Boulder		
	44" Boulder		
TOPDRESS			
	Pioneer Apache Brown 1" Screened DG		
	Pioneer Apache Brown 1/2" Minus DG		
	Pioneer Apache Brown 3/4" Minus DG		
NOTES:			
1. MINIMUM CALIPER SIZE IS A ZONING REQUIREMENT. IF THE MINIMUM CALIPER CANNOT BE MET AT BOX SIZE THAT IS SPECIFIED, THEN THE BOX SIZE MUST BE INCREASED TO MEET CALIPER REQUIREMENTS.			

PAVING SCHEDULE

	EXPOSED AGGREGATE CONCRETE COLOR: STANDARD GREY FINISH: LIGHT BROOM
	PRECAST CONCRETE TRUNCATED DOME PAVERS MANUFACTURED BY: PAVESTONE COLOR: T80 SIZE: 4'X8'X6MM
	STANDARD GREY CONCRETE WALK
	12 X 12 PAVES, VEHICULAR RATED COLOR: T80
	LINEAR PAVES, PEDESTRIAN RATED COLOR: PEWTER DEL T80

KEY MAP

LANDSCAPE PLAN

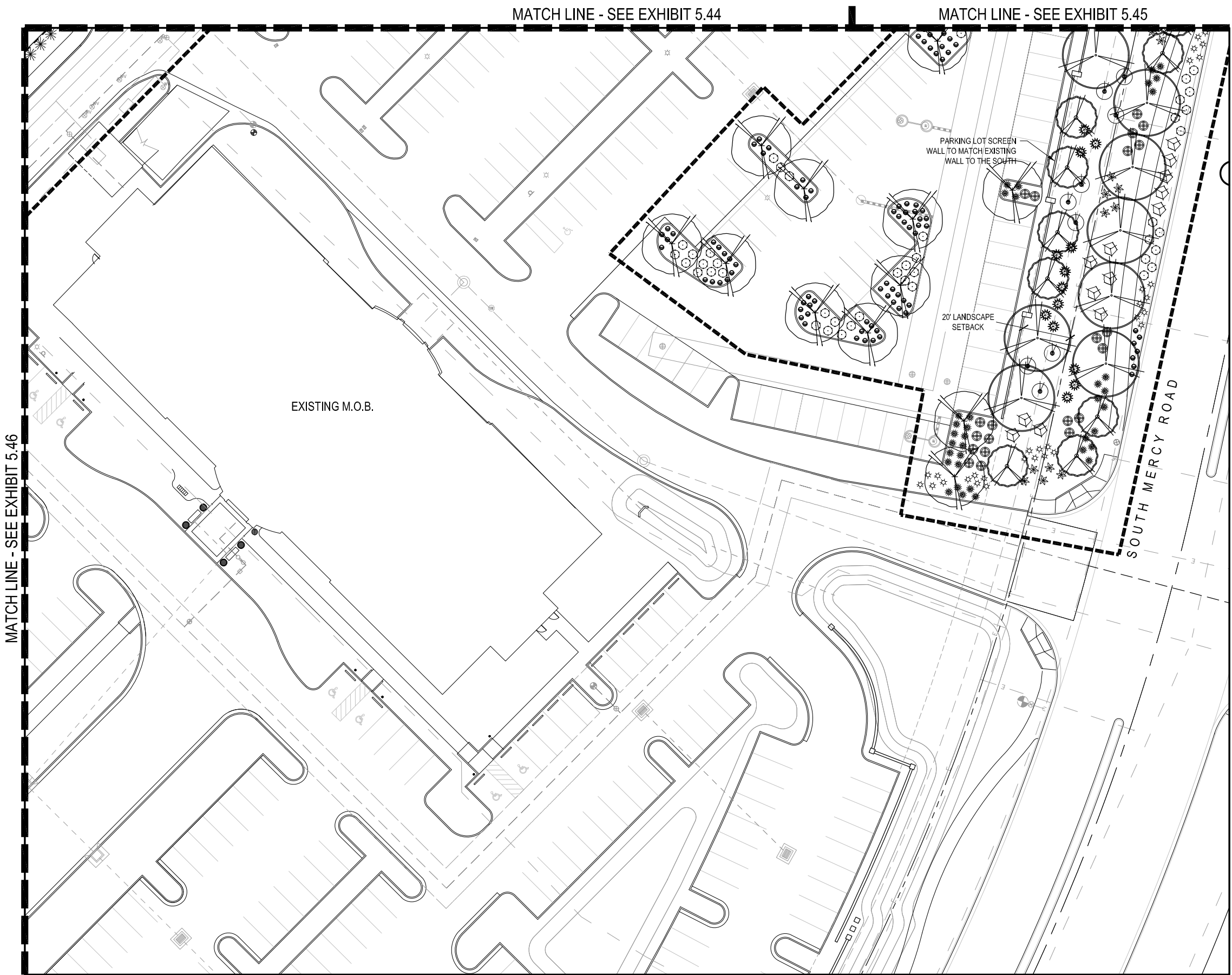
EXHIBIT 5.46 LANDSCAPE PLAN





































Women and Children's Tower At Mercy
Gilbert Medical Center

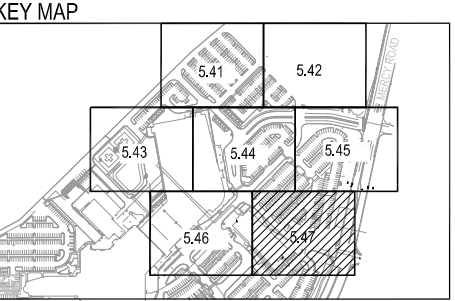


05/17/2018



PLANT SCHEDULE			
SYMBOL	COMMON NAME BOTANICAL NAME	SIZE BRANCHING	CALIPER HT & W
TREES			
	Acacia aneura Mulga	36" Box SINGLE	2.5" CALIPER HT 6' X W 3'
	Chilopsis linearis 'Bubba' Desert Willow	24" Box MULTI	2" CALIPER HT 6' X W 3'
	Quercus tesota Ironwood	36" Box SINGLE	3" CALIPER HT 10' X W 6'
	Parlsonia 'Hybrid' Hybrid Palo Verde	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Phoenix Dactyloctenium Date Palm		20" TRUNK HEIGHT
	Pithecellobium flexicaule Texas Ebony	24" Box SINGLE	2" CALIPER HT 8' X W 6'
	Prosopis juliflora Rio Salado Mesquite	24" Box MULTI	2" CALIPER HT 8' X W 6'
	Prosopis glandulosa marmorata Texas Honey Mesquite 'Thornless'	36" Box MULTI	2.5" CALIPER HT 10' X W 8'
	Ulmus parviflorus Evergreen Elm	36" Box	2.5" CALIPER HT 10' X W 8'
SHRUBS			
	Calliandra californica Baja Fairy Duster	5 GALLON	
	Leucophyllum thymetarifolia Rio Bravo Sage	5 GALLON	
	Rudbeckia hirta Desert Rudbeckia	5 GALLON	
	Simmondsia chinensis Jojoba	5 GALLON	
	Tecoma stans Arizona Yellow Bell	5 GALLON	
ACCENTS			
	Agave americana Century Plant	5 GALLON	
	Asclepias tuberosa Desert Milkweed	5 GALLON	
	Dasylirion wheeleri Tool-Free Desert Spoon	5 GALLON	
	Dasylirion wheeleri Desert Spoon	5 GALLON	
	Euphorbia tirucalli Gopher Plant	5 GALLON	
	Fouquieria splendens Ocotillo	24" Box	
	Hesperaloe parviflora Giant Aloe	5 GALLON	
	Hesperaloe parviflora 'Brakelights' Dwarf Crimson Red Yucca	5 GALLON	
	Opuntia sp. Santa Rita Picky Pear	5 GALLON	
	Sphaeralcea ambigua Desert Globemallow	5 GALLON	
	Yucca pallida Pale Leaf Yucca	5 GALLON	
GROUNDCOVERS			
	Lantana x 'New Gold' New Gold Lantana	1 GALLON	
	Rosmarinus officinalis 'Prostratus' Creeping Rosemary	1 GALLON	
GRASSES			
	Muhlenbergia rigens Deer Grass	5 GALLON	
BOULDERS			
	24" Boulder		
	36" Boulder		
	44" Boulder		
TOPDRESS			
	Pioneer Apache Brown 1" Screened DG		Pioneer Apache Brown 1/2" Minus DG
	Pioneer Apache Brown 3" - 4" Rip Rap		
NOTES			
1. MINIMUM CALIPER SIZE IS A ZONING REQUIREMENT. IF THE MINIMUM CALIPER CANNOT BE MET AT BOX SIZE THAT IS SPECIFIED, THEN THE BOX SIZE MUST BE INCREASED TO MEET CALIPER REQUIREMENTS.			

PAVING SCHEDULE	
	EXPOSED AGGREGATE CONCRETE COLOR: STANDARD GREY FINISH: LIGHT BROOM
	PRECAST CONCRETE TRUNCATED DOME PAVERS MANUFACTURED BY: PAVESTONE COLOR: TBD SIZE: 4"X8"X6MM
	STANDARD GREY CONCRETE WALK
	12" X 12" PAVEMENT, PEDESTRIAN RATED COLOR: TBD
	LINEAR PAVEMENT, PEDESTRIAN RATED COLOR: PEWTER DEL 10



LANDSCAPE PLAN

EXHIBIT 5.47 LANDSCAPE PLAN



Women and Children's Tower At Mercy
Gilbert Medical Center



05/17/2018

TREES



Chilopsis linearis 'Bubba'
Desert Willow



Olneya tesota
Ironwood



Parkinsonia 'Desert Museum'
Hybrid Palo Verde



Acacia aneura
Mulga



Phoenix dactylifera
Date Palm



Ulmus parvifolia
Evergreen Elm

SHRUBS



Calliandra californica
Baja Fairy Duster



Tecoma stans
Arizona Yellow Bells



Leucophyllum langmaniae
Rio Bravo Sage



Ruellia peninsularis
Desert Ruellia



Simmondsia chinensis
Jojoba



Rosmarinus officinalis 'Prostratus'
Creeping Rosemary

ACCENTS



Agave americana
Century Plant



Asclepias subulata
Desert Milkweed



Dasyliirion quadrangulatum
Thornless Desert Spoon



Muhlenbergia capallaris
Regal Mist muhly



Fouquieria splendens
Ocotillo



Hesperaloe funifera
Giant Hesperaloe

ACCENTS



Hesperaloe parviflora 'Brakelights'
Brakelights Red Yucca



Sphaeralcea ambigua
Desert Globemallow



Carnegiea gigantea
Saguaro

GROUNDCOVERS



Baileya multiradiata
Desert Marigold



Lantana x 'New Gold'
New Gold Lantana

EXHIBIT 5.50 PLANT PALETTE

TREES & LARGE SHRUBS



Maytenus phyllanthoides
Mangle Dulce



Pitosporum tobira
Japanese Mock Orange



Sophora secundiflora
Texas Mountain Laurel



Bauhinia lunaroides
Anacacho Orchid Tree

SHRUBS



Gardenia jasminoides
Gardenia



Trachelospermum jasminoides
Star Jasmine

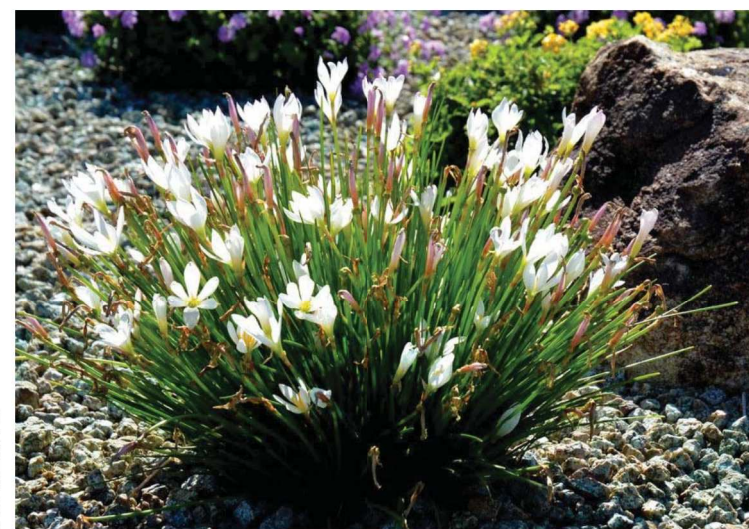


Nandina domestica
Heavenly Bamboo



Justicia brandegeana
Shrimp Plant (inset shows flower detail)

ACCENTS



Zephyranthes candida
White Rain Lily



Cyperus alternifolius
Umbrella Plant



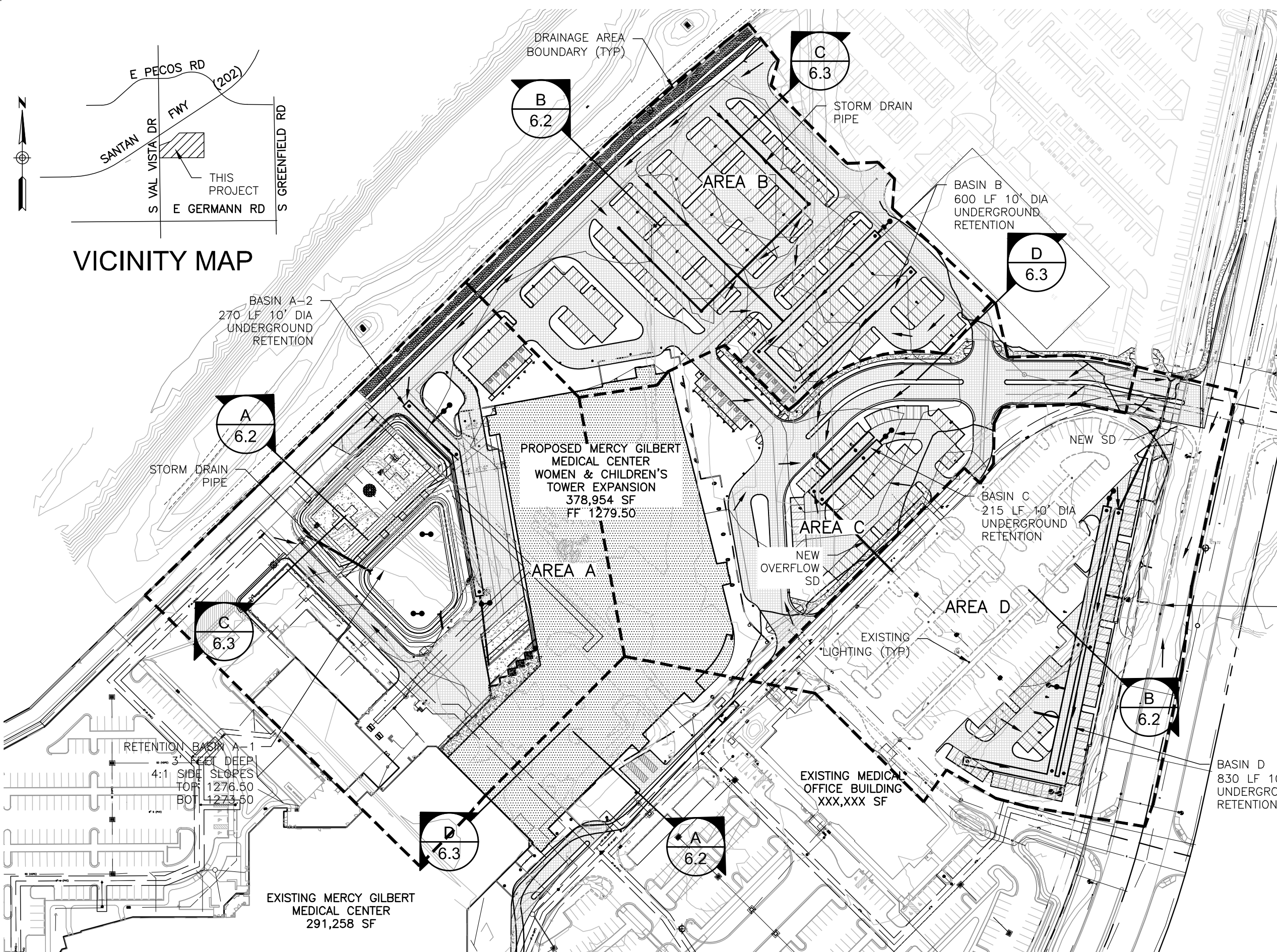
Agave vilmoriniana
Octopus Agave



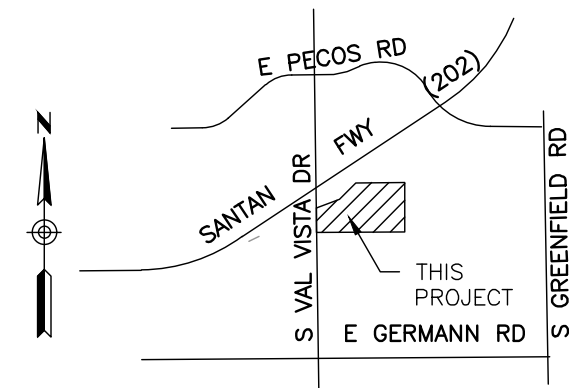
Pedilanthus macrocarpus
Lady's Slipper

EXHIBIT 5.51 SHADE TOLERANT PLANT PALETTE

Z18-95: Women's and Children's Tower at Mercy Gilbert Attachment 6 - Grading and Drainage



VICINITY MAP



RETENTION PROVIDED FOR 50-YR, 24-HR STORM (3 INCHES)

DRAINAGE AREA A
235,505 SF X 0.95 X (3/12)
= 55,932 CF REQUIRED
BASIN A-1 (SURFACE)
= 35,165 CF PROVIDED
2 DRYWELLS @0.25CFS = 19.5HR

BASIN A-2 (UNDERGROUND)
= 21,195 CF PROVIDED
2 DRYWELLS @0.25CFS = 31.1HR

TOTAL PROVIDED = 56,360 CF

DRAINAGE AREA B
162,518 SF X 0.95 X (3/12)
= 38,598 CF REQUIRED
BASIN B (UNDERGROUND)
= 47,100 CF PROVIDED
2 DRYWELLS @0.25CFS = 26.0HR

DRAINAGE AREA C
153,750 SF X 0.95 X (3/12)
= 36,516 CF REQUIRED
BASIN C (UNDERGROUND)
= 16,878 CF PROVIDED
(19,638 CF OVERFLOW TO AREA D)
1 DRYWELLS @0.25CFS = 18.8HR

DRAINAGE AREA D
194,777 SF X 0.95 X (3/12)
= 45,260 CF REQUIRED+19638 FROM AREA C
= 64,898
BASIN D (UNDERGROUND)
= 65,155 CF PROVIDED
3 DRYWELLS @0.25CFS = 24.0HR

EXST CATCH BASIN & STORM DRAIN

0' 60' 120' 240'



SCALE: 1"=120'

EXHIBIT 6.1

<u>LEVEL</u>	<u>AREA</u>
LEVEL 01	117,823
LEVEL 02	116,720
LEVEL 03	47,997
LEVEL 04	47,997
LEVEL 05	47,997
LEVEL 06 (ROOF ACCESS)	761
TOTAL	379,295

at Mercy Gilbert
Attachment 7 - Floor Plans

EXISTING FIRE RISER ROOM
EXISTING FIRE CONTROL ROOM
PCH - EMPLOYEE SUPPORT
MEP
PCH - EVS
PCH - IT RECEIVING
PCH - BODY HOLDING
PCH - BIOMED
PCH - FACILITIES MAINT
PCH - FACILITIES MAINT
PCH - MAT MANGMT
RECEIVING
PCH - EVS
MG - SECURITY
MG - EVS
STAIR
MG - MAT MGT
MG - LINEN
MEP
MG - FAC MGT
MEP
MG - IT
MG - EVS
MG - BED STORAGE
MG - OB ED
MG - LOBBY
MG - ADMISSIONS
STAIR
PCH - DIETARY
PCH - DIETARY
PCH - LINEN
PCH - LAB
PCH - IMAGING
MEP
PCH - EMERGENCY
STAIR
PCH DROP-OFF CANOPY
AMB DROP-OFF CANOPY
MEP
ELEVATORS
LOBBY - 1ST
CHAPEL
MAIN ENTRY AND DOUBLE HEIGHT CANOPY
OUTDOOR DINING
MG DISCHARGE
MG ED DROP-OFF CANOPY

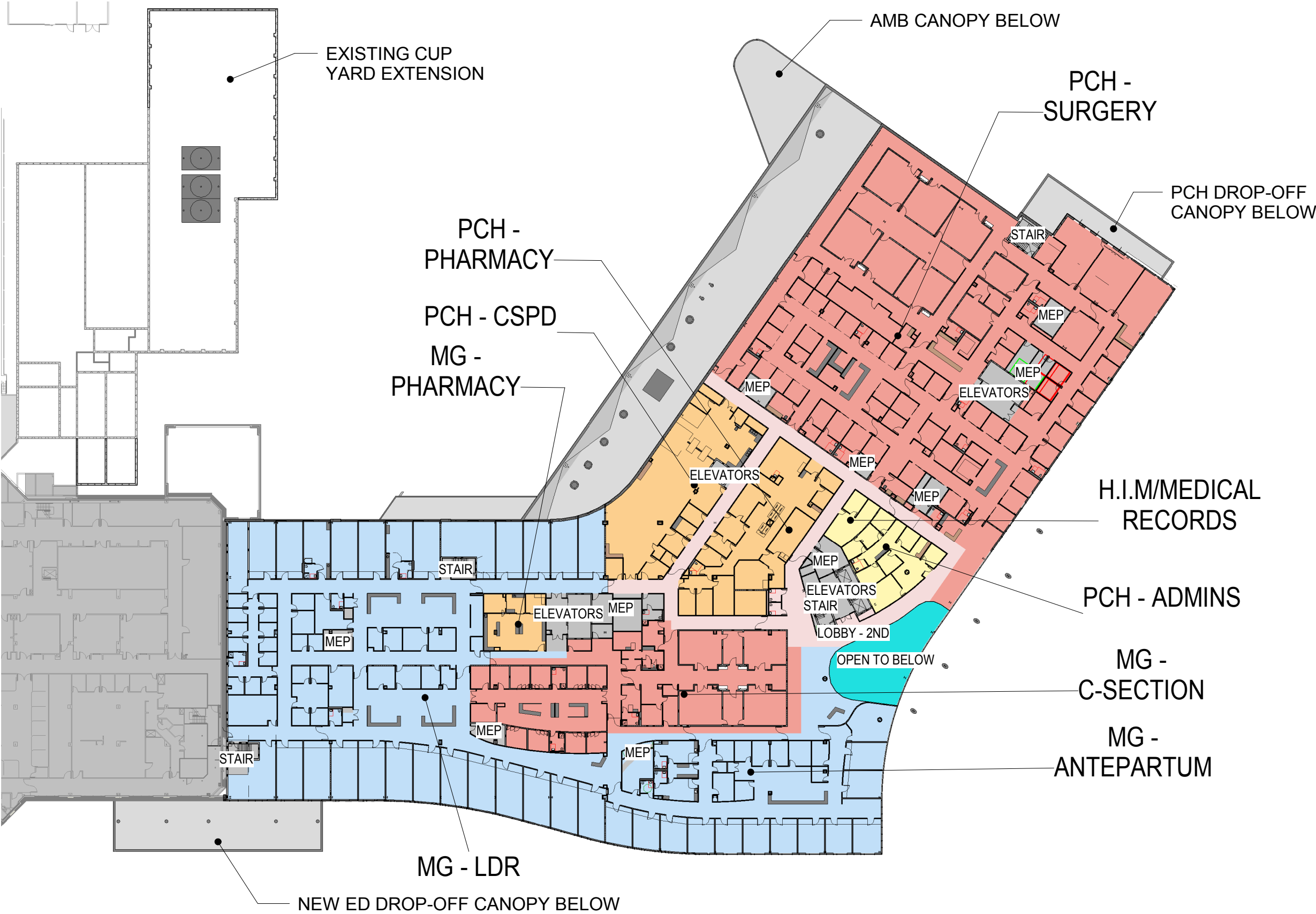
LEVEL 01

$$1'' = 60'-0''$$

EXHIBIT 09.01

BGSF

LEVEL	AREA
LEVEL 01	117,823
LEVEL 02	116,720
LEVEL 03	47,997
LEVEL 04	47,997
LEVEL 05	47,997
LEVEL 06 (ROOF ACCESS)	761
TOTAL	379,295

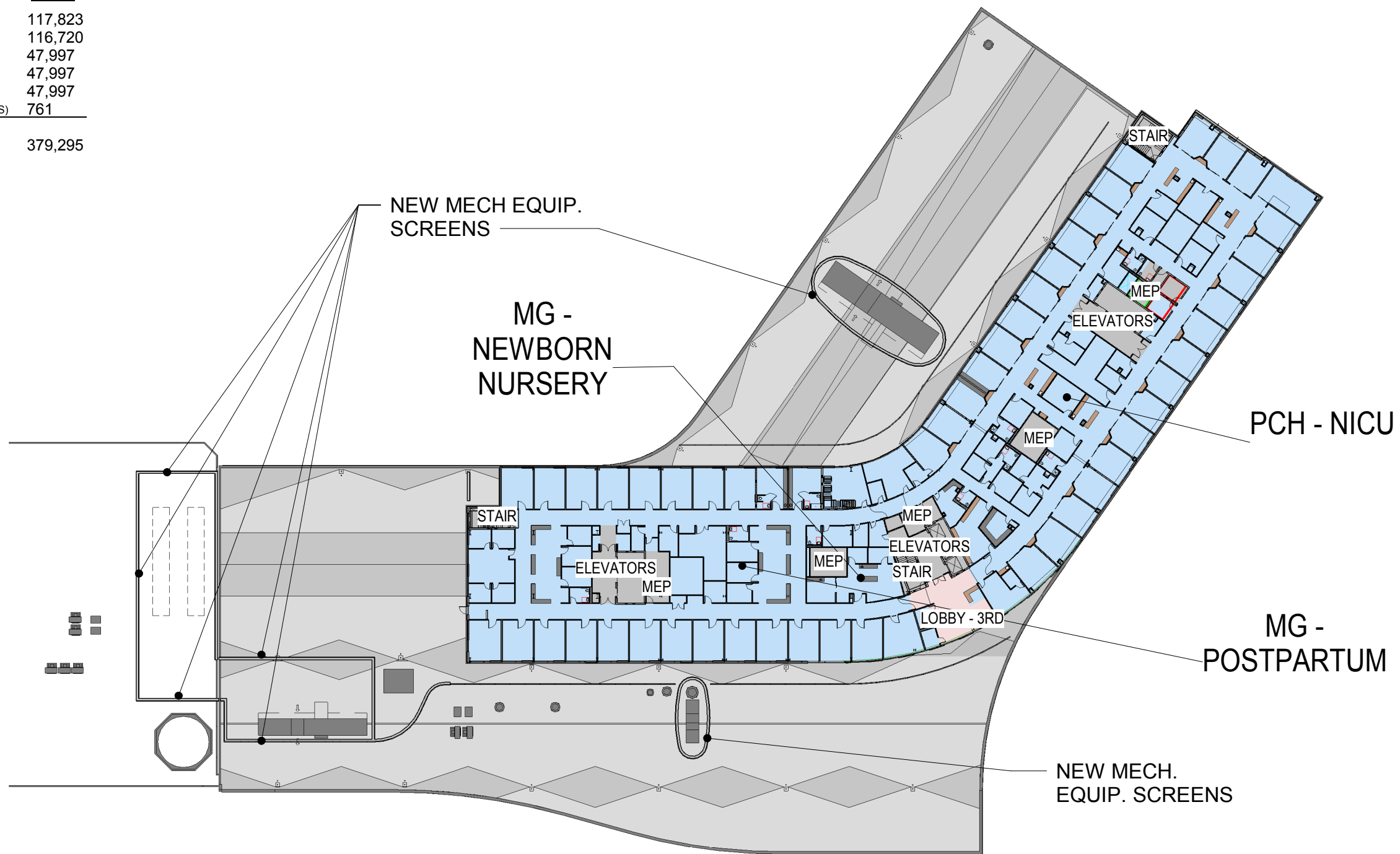


1 LEVEL 02
1" = 60'-0"

EXHIBIT 09.02

BGSF

LEVEL	AREA
LEVEL 01	117,823
LEVEL 02	116,720
LEVEL 03	47,997
LEVEL 04	47,997
LEVEL 05	47,997
LEVEL 06 (ROOF ACCESS)	761
TOTAL	379,295

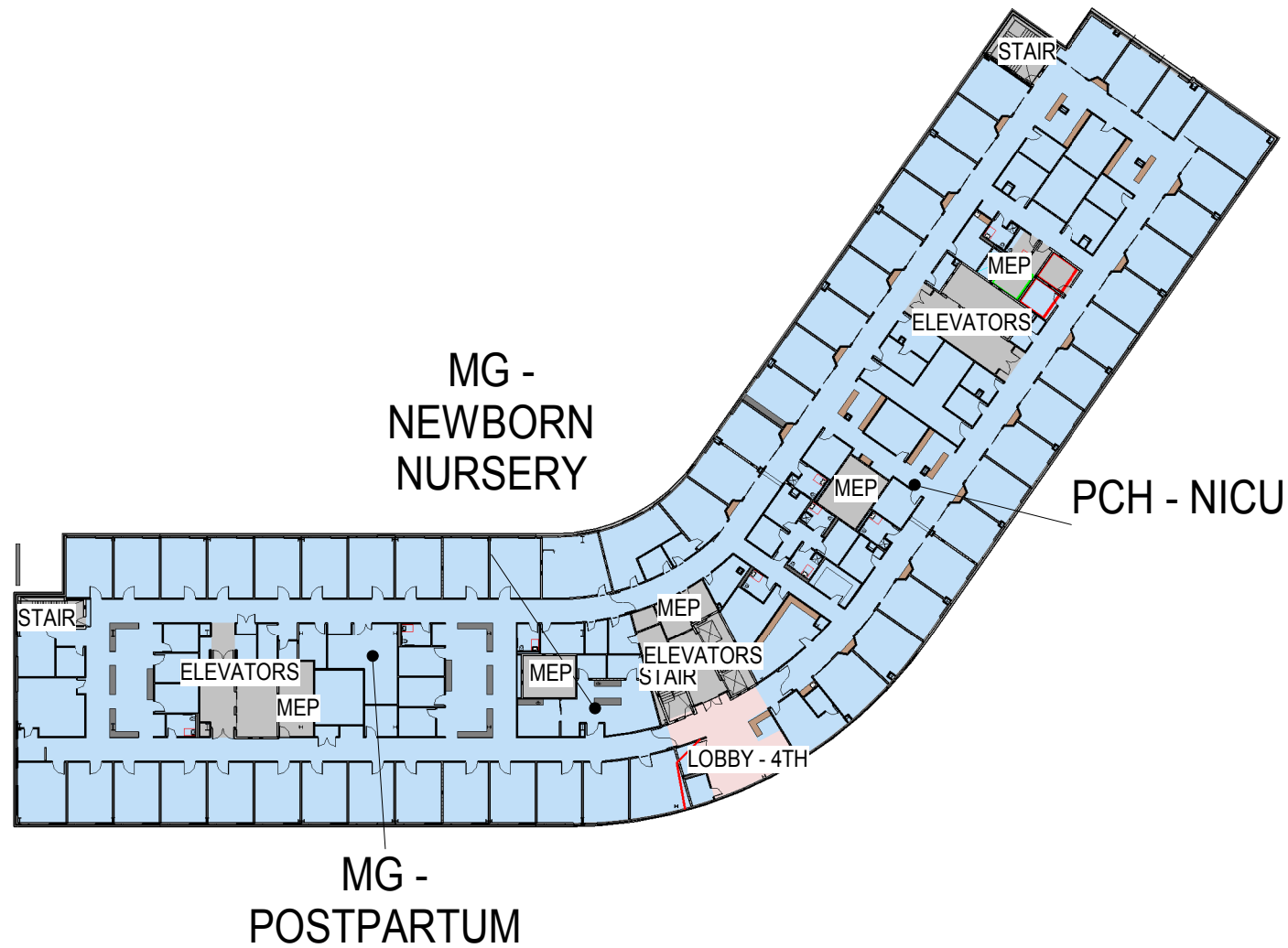


1 LEVEL 03
1" = 60'-0"

EXHIBIT 09.03

BGSF

LEVEL	AREA
LEVEL 01	117,823
LEVEL 02	116,720
LEVEL 03	47,997
LEVEL 04	47,997
LEVEL 05	47,997
LEVEL 06 (ROOF ACCESS)	761
TOTAL	379,295

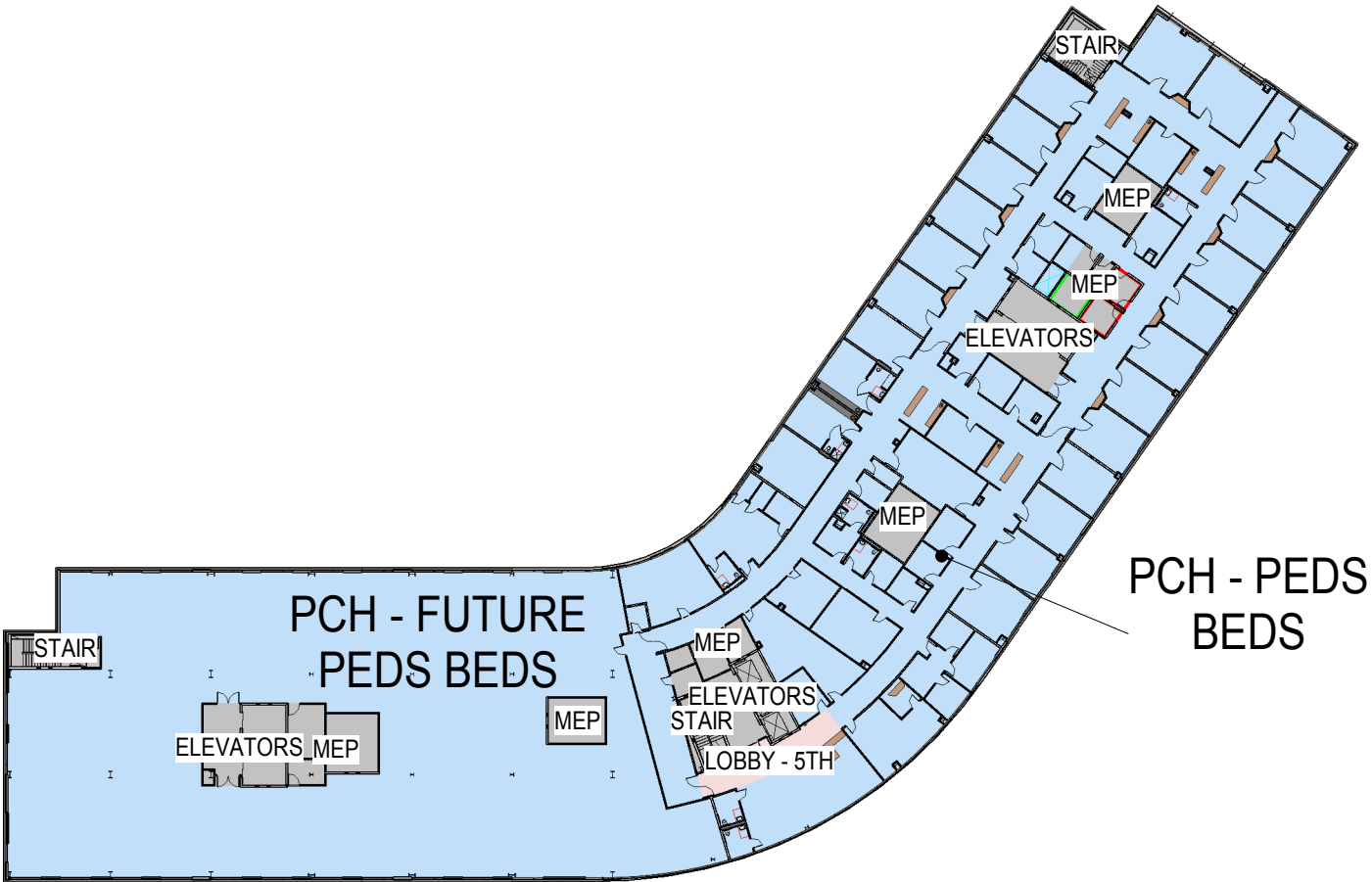


1 LEVEL 04
1" = 60'-0"

EXHIBIT 09.04

BGSF

<u>LEVEL</u>	<u>AREA</u>
LEVEL 01	117,823
LEVEL 02	116,720
LEVEL 03	47,997
LEVEL 04	47,997
LEVEL 05	47,997
LEVEL 06 (ROOF ACCESS)	761
TOTAL	379,295

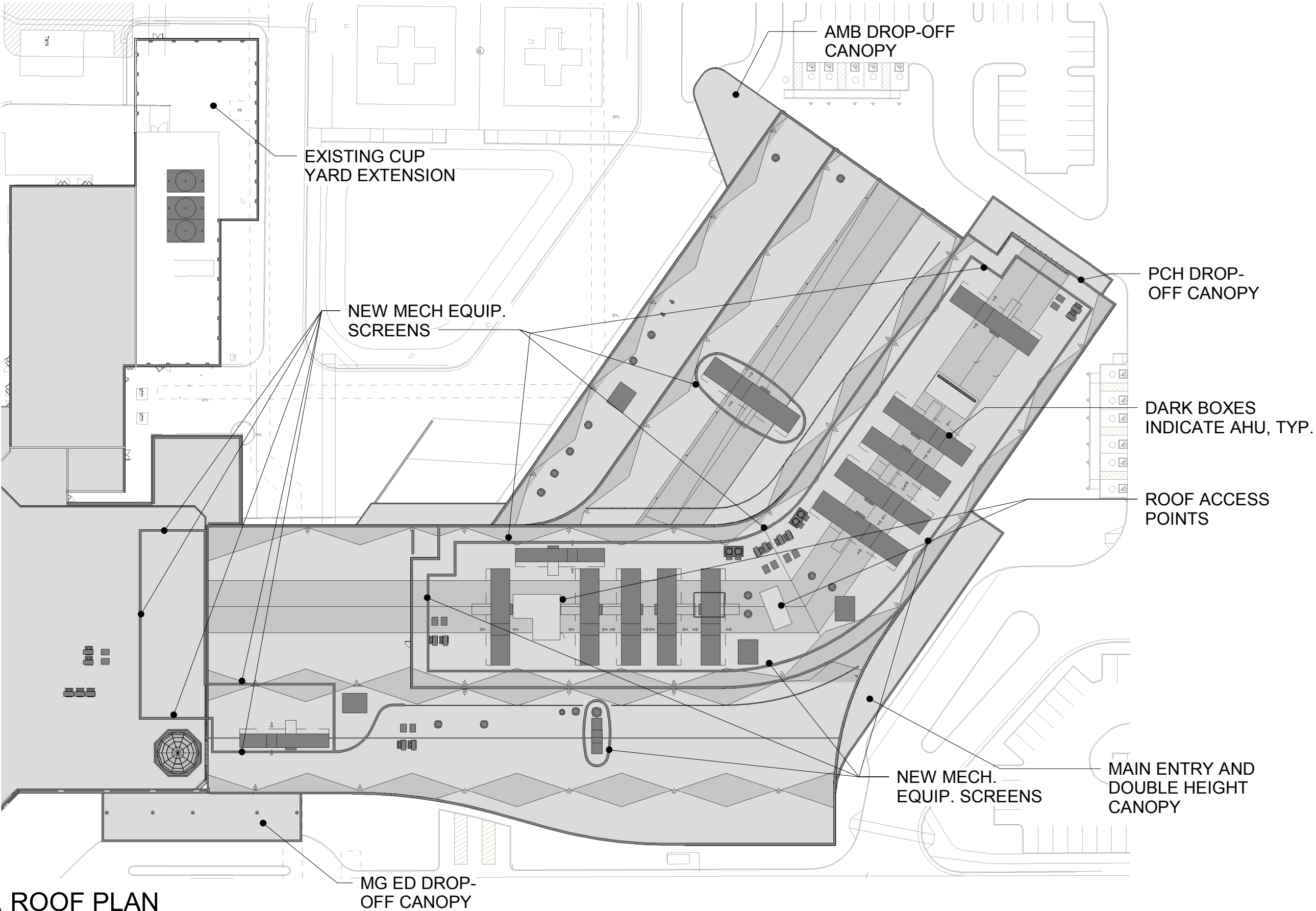


1 LEVEL 05
1" = 60'-0"

EXHIBIT 09.05

BGSF

LEVEL	AREA
LEVEL 01	117,823
LEVEL 02	116,720
LEVEL 03	47,997
LEVEL 04	47,997
LEVEL 05	47,997
LEVEL 06 (ROOF ACCESS)	761
TOTAL	379,295



1 ROOF PLAN
1" = 60'-0"

EXHIBIT 09.06

Illuminance (Fc)
Average = 0.79
Maximum = 1.0
Minimum = 0.5
Avg/Min Ratio = 1.58
Max/Min Ratio = 2.00



LUMINAIRE SCHEDULE							
TAG	DESCRIPTION	INSTALLATION	LIGHT SOURCE		INPUT WATTS	MIN. EFF.	REFERENCED PRODUCTS
		METHOD	SPEC	QTY			
LX1	PEDESTRIAN POLE	POLE 12' MOUNTING HEIGHT	2241 LM 3000K 80 CRI	1	39.5	57%	BEGA #84 064
LX2	PARKING / ROADWAY POLE	POLE 25' MOUNTING HEIGHT	LM 3000K 80 CRI		53	75%	EATON INVUE - ARBOR #ARB-B2-LED-D1-DIST-BZ-8030-
LX3	BOLLARD	GRADE MOUNTED	746 LM 3000K 80 CRI		14.4	52%	BEGA #99 570
LX4	LANDSCAPE UPLIGHT	GRADE MOUNTED	2239 LM 3000K 80 CRI		25	89%	ECOSENSE - RISE #F170 SINGLE
LX5	TREE MOUNTED AREA LIGHT	TREE STRAP	531 LM 3000K 80 CRI		7.5	70%	ECOSENSE - RISE #F080 SINGLE
LX6	EXTERIOR SCONCE	SURFACE WALL	652 LM 3000K 80 CRI		10.5	62%	BEGA #79 547

LOCATION	
PEDESTRIAN AREAS NOT ADJACENT TO BUILDINGS	
PARKING AREAS	
HELICOPTER PAD AREAS, PEDESTRIAN AREAS NEAR BUILDINGS	
LANDSCAPE AREAS	
LANDSCAPE AREAS	
BUILDING MOUNTED	

ABBREVIATIONS:					
D/I	DIRECT/INDIRECT	LM	DELIVER TO BE SELECTE	TBS	TO BE SELECTED BY ARCH
EFF	EFFICIENCY/EFFICACY/LMW	LM/FT	LUMENS / UNIVERSAL 120	UNIV	UNIVERSAL 120-277VAC
ELBD	EMERG. LTG. BY PASS DEVICE	LM/W	LUMENS PER WATT		

EXHIBIT 10.02

Light building element - symmetric light distribution

LX1 **BEGA**

Application
LED light building element luminaires with symmetric light distribution. Light building elements are luminous design features for public areas. They are ideally suited for delineating and structuring interior and exterior spaces such as landscape areas, plazas, building entrances and atria.

Materials
Luminaire housing and posts constructed of die-cast and extruded marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
Clear safety glass
Reflector made of pure anodized aluminum
High temperature silicone gasket
Silicone applied robotically to casting, plasma treated for increased adhesion
Mechanically captive stainless steel fasteners

NRTL listed to North American Standards, suitable for wet locations
Protection class IP65
Effective projection area: 9.1 sq. ft.
Weight: 94.8 lbs

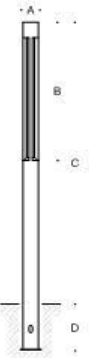
Electrical
Operating voltage 120-277VAC
Minimum start temperature -30° C
LED module wattage 39.5 W
System wattage 44.0 W
Controllability 0-10V dimmable
Color rendering index Ra > 80
Luminaire lumens 2,241 lumens (4000K)
Lifetime at Ta = 15° C 353,000 h (L70)
Lifetime at Ta = 30° C 142,000 h (L70)

LED color temperature
● 4000K - Product number + **K4**
● 3500K - Product number + **K35**
● 3000K - Product number + **K3**
● 2700K - Product number + **K27**

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish
All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors ● Black (BLK) ● White (WHT) ● RAL:
● Bronze (BRZ) ● Silver (SLV) ● CUS:



Light building element · symmetric					
	LED	A	B	C	D
84 064	39.5 W	8 ¾	81 ⅜	177 ⅜	31 ½



BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@bega-us.com
Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com
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EXHIBIT 10.03 .01

DESCRIPTION

The Invue Arbor post top brings architectural style to area/site and pedestrian scale applications. Its dayform appearance brings a desired organic look into the urban environment. WaveStream™ LED Optics provide a uniform pixelation free image, managing glare while providing high levels of visibility.

SPECIFICATION FEATURES

Construction

Two-piece IP66 rated housing is cast from low copper content corrosion resistant aluminum, maintaining strength and precision to sustain long term dayform appearance. ANSI C136.31 testing compliance prevents damage from installation generated vibration. External hardware and casting seams are minimized to enhance appearance.

Optics

Specifically designed for pedestrian applications, WaveStream LED optical waveguide technology produces both symmetric NEMA type V and asymmetric NEMA II, III, IV distributions. The waveguide is manufactured from precision injection molded acrylic resulting in a pixelation free optical image for improved glare control and visual comfort. Luminaire efficacy's measure up to 100 lm/w for 4000K (+/- 275K) CCT at 70 CRI (min), optional 3000K CCT at 80 CRI is also available.

Electrical

LED driver(s) are directly mounted to upper housing thermal pad for optimal thermal performance. Standard 0-10V dimming drivers and Eaton's proprietary surge protection module are designed to withstand 10kV of transient line surge. Drivers operate at 120-

277V 50/60Hz with 347V/60Hz or 480V/60Hz operation optional. Suitable for ambient temperature applications from -30°C (-22°F) to 40°C (104°F). Limited high ambient options allow for 50°C operation.

Controls

The Arbor LED luminaire control options are designed to be simple and cost-effective ASHRAE and California Title 24 compliant solutions. The ANSI C136.41 compliant NEMA 7-PIN receptacle enables wireless dimming when used with compatible photocontrol. An integrated dimming and occupancy sensor is a standalone control option available in on/off (MS) and bi-level dimming (MS/ DIM) operation. The optional LumaWatt Pro™ system is best described as a peer-to-peer wireless network of luminaire-integral sensors that operate in accordance with programmable profiles. Each sensor is capable of motion and photo sensing, metering power consumption and wireless communication.

Mounting

Fitter assembly mounts over 2-3/8" O.D. tenon and is secured via six concealed stainless steel set screws. Design of fitter provides seamless transition to 3" O.D. round pole top. Additional mounting accessories include a

Catalog #		Type
Project		LX2
Comments		Date
Prepared by		

single fixture arm mount, twin fixture arm mount and wall mount arm. Additional pole mount accessories mount to a 3" x 4" long tenon for 4" - 5" O.D. poles tops. For existing 2-3/8" tenons an adapter is shipped standard.

Finish

Eaton utilizes premium ultra-weatherable TGIC based polyester powder coatings that are specifically formulated to withstand extended outdoor exposure. The powders are formulated exclusively for Eaton to serve functionally as well as decorative. Good film appearance combined with excellent mechanical an exterior exposure qualities display greater than twice as much gloss retention. RAL and custom color matches available. Finish is compliant with ASTM B117 3000hr salt spray standard.

Warranty

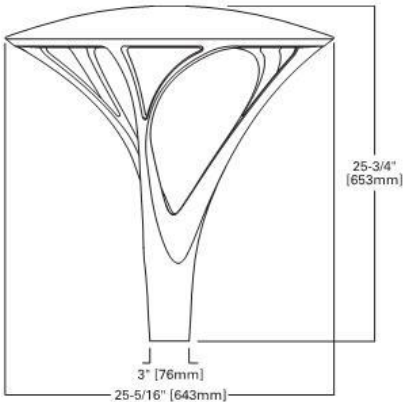
Five-year warranty.



ARB ARBOR
POST TOP

DECORATIVE LUMINAIRE

DIMENSIONS



CERTIFICATION DATA

UL/cUL Listed
IP66 Housing
ANSI C136.31
1.5G Vibration Tested
RoHS
ISO 9001

ENERGY DATA

Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V 50/60Hz, 347V/60Hz,
480V/60Hz
-30°C Minimum Temperature
40°C Ambient Temperature Rating

EPA

Effective Projected Area: (Sq. Ft.) 0.9

Approximate Net Weight:
37 lbs. [16.8 kgs.]



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POWER AND LUMENS

Lumen Package		B1	B2	B3	B4
Drive Current					
Power Wattage (Watts)		24W	48W	96W	99W
Input Current (mA) @ 120V		200	400	800	830
Input Current (mA) @ 208V		120	240	470	480
Input Current (mA) @ 240V		100	200	400	420
Input Current (mA) @ 277V		90	180	350	360
Power Wattage (Watts)		26W	53W	107W	108W
Input Current (mA) @ 347V		79	161	325	328
Input Current (mA) @ 480V		58	117	235	237
Optics					
Type II	Lumens	2,045	3,994	7,362	--
	BUG Rating	B1-U1-G1	B1-U2-G2	B3-U2-G3	--
Type III	Lumens	2,324	4,534	8,451	-
	BUG Rating	B1-U1-G1	B1-U2-G2	B2-U2-G3	--
Type IV	Lumens	2,408	4,691	8,740	--
	BUG Rating	B1-U1-G1	B1-U2-G2	B2-U2-G3	-
Type V	Lumens	2,311	4,529	8,511	9,464
	BUG Rating	B2-U1-G1	B3-U2-G2	B3-U2-G3	B3-U2-G3

ORDERING INFORMATION

Sample Number: ARB-B2-LED-D1-T2-GM

Product Family ^{1,2}	Lumens ³	Lamp Type ⁵	Voltage	Distribution	Color
ARB=Arbor Post Top	B1=Nominal 2,300 Lumens B2=Nominal 4,500 Lumens B3=Nominal 8,500 Lumens B4=Nominal 9,500 Lumens ⁴	LED=Solid State Light Emitting Diodes	D1=Dimming Driver (120-277V) 347=347V ⁶ 480=480V ^{6,7}	T2=Type II T3=Type III T4=Type IV T5=Type V	AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White CC=Custom Color ⁸
Options (Add as Suffix)			Accessories (Order Separately) ¹⁸		
7030=70 CRI / 3000K CCT ⁹ 8030=80 CRI / 3000K CCT ⁹ PC=Button Type Photocontrol ¹⁰ PER=Standard 3-PIN Photocontrol Receptacle ¹⁰ PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle ^{10,11} HA=50°C High Ambient ¹² MS-LXX=Photo/Motion Sensor for On/Off Operation ^{13,14} MS/DIM-LXX=Programmable Photo/Motion Sensor ^{13,14,15} LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens 8' - 16' Mounting Height ¹⁶ LWR-LN=LumaWatt Pro Wireless Sensor, Wide Lens 16' - 40' Mounting Height ¹⁶ SLTD=Fifth Light Dali Driver ¹⁷ DIM=0-10V External Dimming Leads ¹⁸ VS=Tempered Glass Vandal Shield			ARSA-XX=Single Pole Mount Arm ²⁰ ARWM-XX=Wall Mount Arm ARTA15-XX=Twin Mount Bracket - 1.5G ²⁰ ARPA4-XX=Pole Adapter 4" O.D. Pole FSIR-100=Wireless Configuration Tool for Occupancy Sensor ¹⁸		

NOTES:

- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional information.
- Fixture splits over standard 2-3/8" tenon. 3" O.D. tenon when used with a ARPA4-XX 4" O.D. pole adapter.
- Lumens are nominal. See lumen table for more information.
- B4 only available with Type V distribution.
- Standard 4000K CCT, nominal 70 CRI.
- Requires the use of a step down transformer.
- Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
- Cutsum and RAL color matching available upon request. Consult your lighting representative at Eaton for more information.
- Extended lead times apply. Use dedicated IES files when performing layouts. These files are published on the Arbor luminaire product page on the website.
- Not available with MS, MSDIM or DIMRF options.
- Compatible with standard 3-PIN photocontrols and 5-PIN or 7-PIN ANSI controls.
- Not available with Type II, III and IV B3 optics.
- Not available with HA option.
- Replace XX with mounting height in feet for proper lens selection. L8, L20 and L40 are available options.
- This tool enables adjustment of parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.
- LumaWatt Pro wireless sensors are factory installed and require network components LWP-EM-1, LWP-GW-1, and LWP-Po in appropriate quantities. See www.eaton.com/lighting for LumaWatt application information.
- Only available with B1 and B2 lumen packages.
- Low voltage control leads brought out 18" outside fixture. Not available with control options.
- Replace XX with color designation.
- Fits on 3" O.D. x 4" long tenon for nominal 4-1/2" O.D. pole top.



Eaton
1121 Highway 78 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Specifications and
dimensions subject to
change without notice.

COLOR TEMPERATURE

Color Temperature (CCT)	CRI (Nominal)	Multiplier (Hours)
4000	70	1.00
3000	80	0.91

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
0 C	1.02
10 C	1.01
25 C	1.00
40 C	0.99
50 C	0.97

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Calculated L70 (Hours)
25 C	>91%	>230,000
40 C	>88%	>172,000
50 C	>86%	>142,000

NOTE: Maintenance data applies to the highest drive current and represents the worst case at the highest wattage.

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EXHIBIT 10.03 .02

LED Bollards with rotationally symmetrical distribution

Post construction: One piece extruded aluminum, with a one piece aluminum top housing and base, internally welded into an assembly. Die castings are marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy.

Enclosure: Heavy walled, die-cast aluminum cap. Clear 3/16" thick borosilicate glass with pure anodized aluminum cone reflector. Fully gasketed using high temperature silicone rubber O-ring gaskets.

Electrical: 14.4 W LED luminaire, 20 total system watts, -20° C start temperature. Integral 120 V through 277 V electronic LED driver, 0-10V, TRIAC, and ELV dimmable. LED module(s) are available from factory for easy replacement.

Standard LED color temperature is 3000K with a >80 CRI. Available in 4000K (>80 CRI); add suffix K4 to order.

Note: Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Anchor base: Heavy cast aluminum, slotted for precise alignment. Mounts to BEGA 79817 anchorage kit (supplied).

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

UL listed for US and Canadian Standards, suitable for wet locations. Protection class IP65.

Luminaire Lumens: 746



	Lamp	A	B	Anchorage
99570	14.4 W LED	6 1/2	39 3/8	79817

1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 FAX (805) 566-9474 www.bega-us.com
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LX3

Type:
BEGA Product:
Project:
Voltage:
Color:
Options:
Modified:



EXHIBIT 10.03 .03

DATE

PROJECT

FIRM

TYPE

LX4

RISE IS A SYSTEM OF BEAUTIFULLY DESIGNED OUTDOOR RATED LUMINAIRES THAT PROVIDE EFFICIENT AND POWERFUL LIGHT USING THE LATEST IN LED TECHNOLOGY. RISE F170 SINGLE IS A POWERFUL AND COMPACT LED LIGHT FIXTURE, DELIVERING UP TO 2900 LUMENS, THAT CAN BE USED IN SPOT, ACCENT, LANDSCAPE AND FLOODLIGHT APPLICATIONS. ITS UNIQUE MACRO™ LOCK FEATURE ALLOWS FOR FULL 180 DEGREE TILT AND 360 DEGREE PAN AIMABILITY USING ONLY ONE TOOL.

- FEATURES :
- ONLY 5° LASER SPOT
 - STRONGEST CBCP IN MARKET
 - POWERFUL OUTPUT 1200-2900LMS
 - MACRO™ LOCK - 180° TILT AND 360° PAN
 - 11 UNIQUE BEAM ANGLES
 - MULTIVOLT (110-277V)
 - 8 CCTS: 2200K THROUGH 6500K
 - 80+ AND 90+ CRI
 - DIMMABLE TO 5%
 - IP66 RATED



FIXTURE MODEL	FIXTURE CONFIG.	POWER/ LUMEN OUTPUT*	CCT/ COLOR	CRI	BEAM ANGLE	FINISHES	ACCESSORIES	WIRING AND MOUNTING
F170	1S							
F170	1S - Single Head	LO - Low Output MO - Medium Output HO - High Output	22 - 2200K 25 - 2500K 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K 65 - 6500K RD - Red GR - Green BL - Blue AM - Amber	8 - 80 9 - 90+ X - For RD, GR, BL, AM *90 CRI not available in 2200K, 2500K, 5000K, and 6500K	05 - Laser Spot (5°) 10 - Very Narrow Spot (10°) 15 - Narrow Spot (15°) 20 - Spot (20°) 40 - Flood (40°) 60 - Wide Flood (60°) 80 - Very Wide Flood (80°) E1 - Elliptical 1 (15°x60°) E2 - Elliptical 2 (30°x60°) E3 - Elliptical 3 (60°x15°) E4 - Elliptical 4 (60°x30°)	K - Black Z - Bronze S - Silver W - White C - Custom* *Select color at pantone.com	X - No Accessory H - Half Snoot F - Full Snoot C - Custom Will ship as X if not specified	A - 19" Flying Leads - Internal Cable IC; Bottom Exit; 1/2" NPT ; UL/CE Rated B* - 10' External Cable Side Exit; Surface Mount ; UL/CE Rated C* - 10' External Cable Bottom Exit; Surface Mount - 1/2" NPT ; UL/CE Rated Will ship as A if not specified

EXAMPLE: F170-1S-LO-22-8-05-S-X-A
*See Photometry Chart for Lumen Data

PERFORMANCE	WATTS	POWER	LUMEN OUTPUT	OPTIC	EFFICACY	CBCP
	13	Low Output	1321	5°	102	76,168
	25	Medium Output	2239	5°	90	129,065
	38	High Output	2907	5°	77	167,560

ALL LUMEN DATA IS FROM 4000K 80CRI FIXTURES. PLEASE SEE PHOTOMETRY SPEC SHEET FOR ADDITIONAL LUMEN DATA.

COLOR RENDERING INDEX	80+, 90+				
COLOR CONSISTENCY	3-STEP MACADAM ELLIPSE				
LUMEN DEPRECIATION / RATED LIFE					
	WATTS	L70 @ 25C	L70 @ 50C	L90 @ 25C	L90 @ 50C
	HIGH	>60,500*	36,300*	>60,500*	>31,700*
		>(181,000)**	>(109,000)**	>(69,800)**	

* ENERGY STAR REPORTED TESTING HOURS TO DATE. CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR
** ESTIMATED HOURS

NOTE: Information on this Spec Sheet is subject to change, please visit ecosenselighting.com/raise for the most updated information.

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PROJECT

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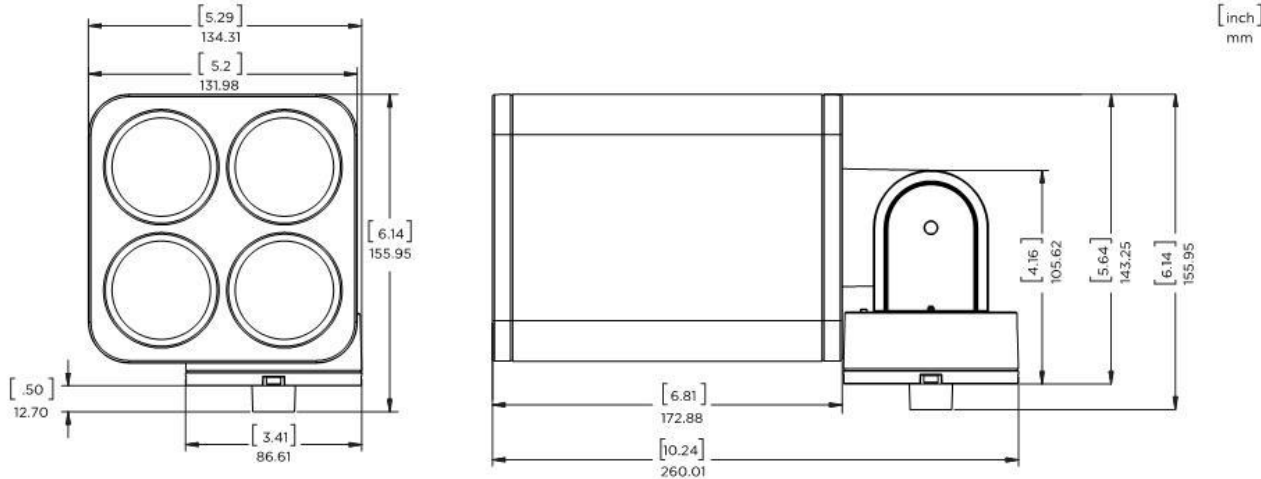
TYPE

Color Filters	
Red	F170-FILTER-RED
Blue	F170-FILTER-BLUE
Green	F170-FILTER-GREEN
Amber	F170-FILTER-AMBER

F170 Wall Mount Arm (for use only with Wiring Option A and C Only- 1/2" NPT, not for use with multi-fixture units)	
Wall Mount Arm, 6 inch, Color Finish (K=Black, S=Silver, C=Custom)	F170-WMA-06-(K,S,C)
Wall Mount Arm, 12 inch, Color Finish (K=Black, S=Silver, C=Custom)	F170-WMA-12-(K,S,C)
Wall Mount Arm, 18 inch, Color Finish (K=Black, S=Silver, C=Custom)	F170-WMA-18-(K,S,C)
Wall Mount Arm, 24 inch, Color Finish (K=Black, S=Silver, C=Custom)	F170-WMA-24-(K,S,C)

Ground Stake (for use only with Wiring Option A and C Only- 1/2" NPT, not for use with multi-fixture units)	
Landscape Stake, 12in	F170-LS-1S-STK-12

DIMENSIONS



NOTE: Information on this Spec Sheet is subject to change, please visit ecosenselighting.com/raise for the most updated information.

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DATEPROJECTFIRMTYPE

LX5

RISE IS A SYSTEM OF BEAUTIFULLY DESIGNED OUTDOOR RATED LUMINAIRE THAT PROVIDE EFFICIENT AND POWERFUL LIGHT USING THE LATEST IN LED TECHNOLOGY. RISE F080 SINGLE IS A POWERFUL AND COMPACT LED LIGHT FIXTURE, DELIVERING UP TO 745 LUMENS, THAT CAN BE USED IN SPOT, ACCENT, LANDSCAPE AND FLOODLIGHT APPLICATIONS. ITS UNIQUE MACRO™ LOCK FEATURE ALLOWS FOR FULL 180 DEGREE TILT AND 360 DEGREE PAN AIMABILITY USING ONLY ONE TWIST.

- FEATURES :
- POWERFUL CBCP
 - ONLY 5° LASER SPOT
 - EXTREMELY COMPACT
 - POWERFUL OUTPUT 300-745LMS
 - MACRO™ LOCK - 180° TILT AND 360° PAN
 - 11 UNIQUE BEAM ANGLES
 - MULTIVOLT (110V-277V)
 - 8 CCTS: 2200K THROUGH 6500K
 - 80+ AND 90+ CRI
 - DIMMABLE TO 5%
 - IP66 RATED



FIXTURE MODEL	FIXTURE CONFIG.	POWER/ LUMEN OUTPUT*	CCT/ COLOR	CRI	BEAM ANGLE	FINISHES	ACCESSORIES	WIRING AND MOUNTING
F080	1S							
F080	1S - Single Head	LO - Low Output MO - Medium Output HO - High Output	22 - 2200K 25 - 2500K 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K 65 - 6500K RD - Red GR - Green BL - Blue AM - Amber	8 - 80 9 - 90+ X - For RD, GR, BL, AM *90 CRI not available in 2200K, 2500K, 5000K, and 6500K	05 - Laser Spot (5°) 10 - Very Narrow Spot (10°) 15 - Narrow Spot (15°) 20 - Spot (20°) 40 - Flood (40°) 60 - Wide Flood (60°) 80 - Very Wide Flood (80°) E1 - Elliptical 1 (15°x60°) E2 - Elliptical 2 (30°x60°) E3 - Elliptical 3 (60°x15°) E4 - Elliptical 4 (60°x30°)	K - Black Z - Bronze S - Silver W - White C - Custom* *Select color at pantone.com	X - No Accessory H - Half Snoot F - Full Snoot C - Custom Will ship as X if not specified	A - 19" Flying Leads - Internal Cable IC; Bottom Exit; 1/2" NPT ; UL/CE Rated B* - 10' External Cable Side Exit; Surface Mount ; UL/CE Rated C* - 10' External Cable Bottom Exit; Surface Mount - 1/2" NPT ; UL/CE Rated Will ship as A if not specified

EXAMPLE: F080-1S-LO-22-8-05-S-X-A
*See Photometry Chart for Lumen Data

PERFORMANCE	WATTS	POWER	LUMEN OUTPUT	OPTIC	EFFICACY	CBCP
	4	Low Output	309	5°	77	21,991
	7.5	Medium Output	531	5°	71	37,824
	11.5	High Output	745	5°	65	53,048

ALL LUMEN DATA IS FROM 4000K 80CRI FIXTURES. PLEASE SEE PHOTOMETRY SPEC SHEET FOR ADDITIONAL LUMEN DATA.

COLOR RENDERING INDEX	80+, 90+				
COLOR CONSISTENCY	3-STEP MACADAM ELLIPSE				
LUMEN DEPRECIATION / RATED LIFE					
	WATTS	L70 @ 25C	L70 @ 50C	L90 @ 25C	L90 @ 50C
	HIGH	>60,500*	36,300*	>60,500*	>31,700*
		>(181,000)**	>(109,000)**	>(69,800)**	

* ENERGY STAR REPORTED TESTING HOURS TO DATE. CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR
** ESTIMATED HOURS

NOTE: Information on this Spec Sheet is subject to change; please visit ecosenselighting.com/raise for the most updated information.

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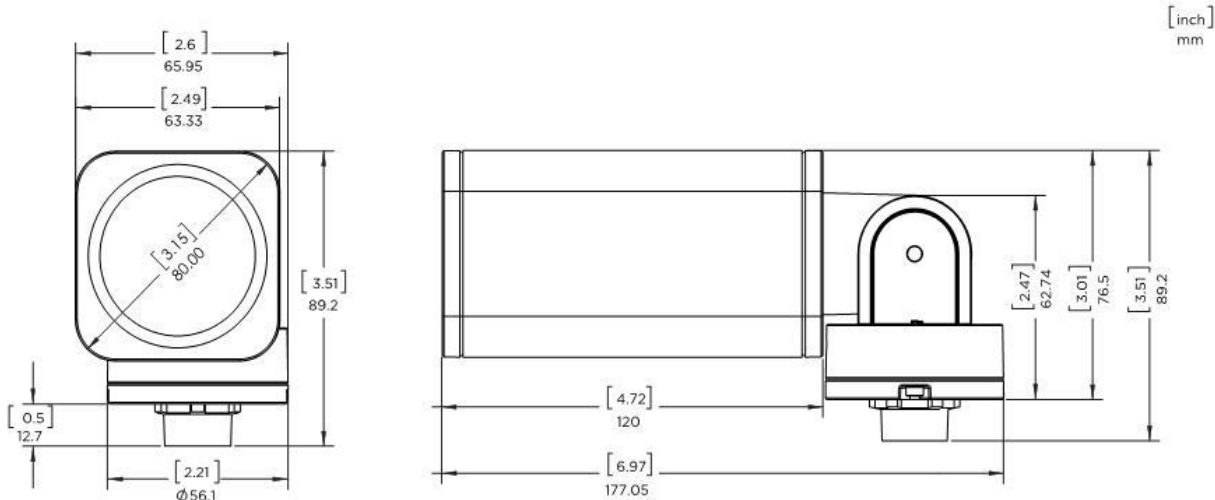
DATEPROJECTFIRMTYPE

Color Filters	
Red	F080-FILTER-RED
Blue	F080-FILTER-BLUE
Green	F080-FILTER-GREEN
Amber	F080-FILTER-AMBER

F080 Wall Mount Arm (for use only with Wiring Option C - External Cable Bottom Exit)	
Wall Mount Arm, 6 inch, Color Finish (K=Black, S=Silver, C=Custom)	F080-WMA-06-(K,S,C)
Wall Mount Arm, 12 inch, Color Finish (K=Black, S=Silver, C=Custom)	F080-WMA-12-(K,S,C)
Wall Mount Arm, 18 inch, Color Finish (K=Black, S=Silver, C=Custom)	F080-WMA-18-(K,S,C)
Wall Mount Arm, 24 inch, Color Finish (K=Black, S=Silver, C=Custom)	F080-WMA-24-(K,S,C)

Ground Stake (for use only with Wiring Option A and C Only- 1/2" NPT, not for use with multi-fixture units)	
Landscape Stake, 12in (for use with F080 Single Head only, not for use with multi-fixture units)	F080-LS-1S-STK-12

DIMENSIONS



NOTE: Information on this Spec Sheet is subject to change; please visit ecosenselighting.com/raise for the most updated information.

ECOSENSE LIGHTING INC. 837 NORTH SPRING STREET SUITE 103 LOS ANGELES, CA 90012	P • 310.496.6255 F • 310.496.6256 T • 855.632.6736 855.6.ECOSEN	SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. VISIT ECOSENSELIGHTING.COM FOR THE MOST CURRENT SPECIFICATIONS. FOR A LIST OF PATENTS VISIT ECOSENSELIGHTING.COM/IP-PORTFOLIO/ ©2017 ECOSENSE LIGHTING INC. ALL RIGHTS RESERVED. ECOSENSE, THE ECOSENSE LOGO, TROW, TROW AND ECOSPEC ARE REGISTERED TRADEMARKS OF ECOSENSE LIGHTING INC. RISE™, SLIM COVE™, FREEDOM TO CREATE™, MACRO™, FLIP-TO-FLAT™ ARE TRADEMARKS OF ECOSENSE LIGHTING INC.	ECOSENSELIGHTING.COM	3/4
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Wall luminaires with single-sided light output

LX6

Housing: Extruded and die cast aluminum. Mounts directly to a BEGA 19537 box (provided). Die castings are marine grade, copper free ($\leq 0.3\%$ copper content) A360.0 aluminum alloy.

Enclosure: Tempered, clear glass, flush to the die casting to prevent water accumulation. Fully gasketed for weather tight operation using a 'U' channel molded silicone rubber gasket.

Electrical: 7.9W LED luminaire, 10.5 total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI); add suffix K4 to order.

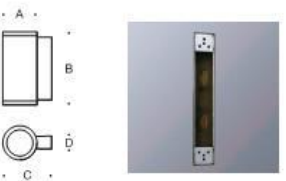
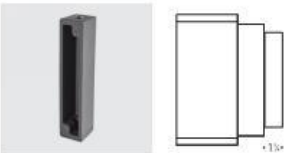
Notes: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

CSA certified to U.S. and Canadian standards for wet locations.
Protection class IP65

Weight: 4.4 lbs

Mounting options:
79547 Surface-mount wiring box



These luminaires mount over a custom BEGA recessed box. This box can be shipped ahead of the luminaire.

Narrow beam upwards or downwards							
	Lamp	β	A	B	C	D	Wiring box*
66655*	7.9W LED	19.5°	4 1/8"	9 1/8"	6 3/8"	1 5/8"	19537

β = Beam angle *Small opening wiring box included.

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Type:
BEGA Product:
Project:
Voltage:
Color:
Options:
Modified:

